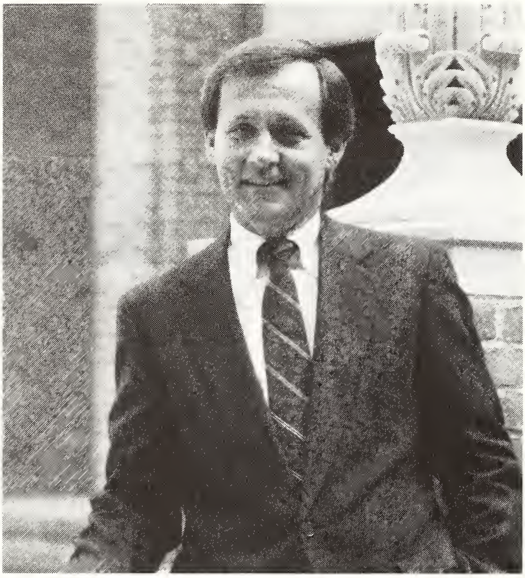
CENTENARY COLLEGE OF LOUISIANA

1993-1994

CENTENARY COLLEGE OF LOUISIANA
UNDERGRADUATE
CATALOGUE 1993-1994

CENTENARY

IS AN EQUAL OPPORTUNITY EDUCATIONAL INSTITUTION
Centenary College does not discriminate on the basis of race, color, religion, sex, or disability; in the admission of students to the College; in any of the rights, privileges, programs, and activities generally made available to students at the College; in the administration of its educational policies, admission policies, scholarship and loan programs, and athletic and other programs administered by the College; or in the employment practices of the College. The College's designated coordinator for compliance with Section 504 of the Rehabilitation Act of 1973, Title IX of the Educational Amendments of 1972 and the Internal Revenue Service is Mr. Harold Bond. The College follows the guidelines for records established by the Family Educational Rights and Privacy Act (1974).



Kenneth L. Schwab

A MESSAGE FROM THE PRESIDENT

Welcome to Centenary College! We know you will quickly grow to appreciate what students, faculty, and alumni call The Centenary Experience.

This phenomenon does not have a single origin, nor does it happen at once or at any one place. Rather, The Centenary Experience comes from many sources, expanding and flourishing with each new academic season.

This special Centenary Experience begins with our people: the faculty, who are committed to teaching, scholarship, and integration of knowledge; administrators and staff who nurture leadership in activities throughout the community; visiting lecturers and artists-in-residence whose diverse cultures expand ways of thinking; and especially our students, whose ethnic, geographic and racial backgrounds provide a rich and stimulating diversity of cultures.

The Centenary Experience takes shape from our places — classrooms, recital halls, museums, faculty homes, field trips, playing fields, tennis courts, porches and gardens. These are common places where uncommonly deep roots of scholarship and friendship take hold.

Our programs — in academics, athletics, and the arts — bind The Centenary Experience from class to class. These programs include challenging, rigorous work with rewards of increased self-confidence and competence.

A cornerstone of our programs is The Centenary Plan. Components of the plan involve every student in at least one social service project and one experience of living in a different culture such as an Amish community, an Indian Reservation or a large city like London, Paris, or Tokyo. Opportunities will be made available to explore career choices through involvement in career planning and internships.

The value of a liberal arts education will never depreciate. It provides us with a course for life while strengthening moral character. If we prepare you properly, then you will take with you a passion for learning and an earnest desire to explore ideas and to chance innovative thinking.

Centenary College is rooted in the liberal arts and, at the same time, progressive, pioneering and bold. By joining the Centenary community, you will be given the opportunity to seek the education of a lifetime.

Sincerely,

Ken Schwab

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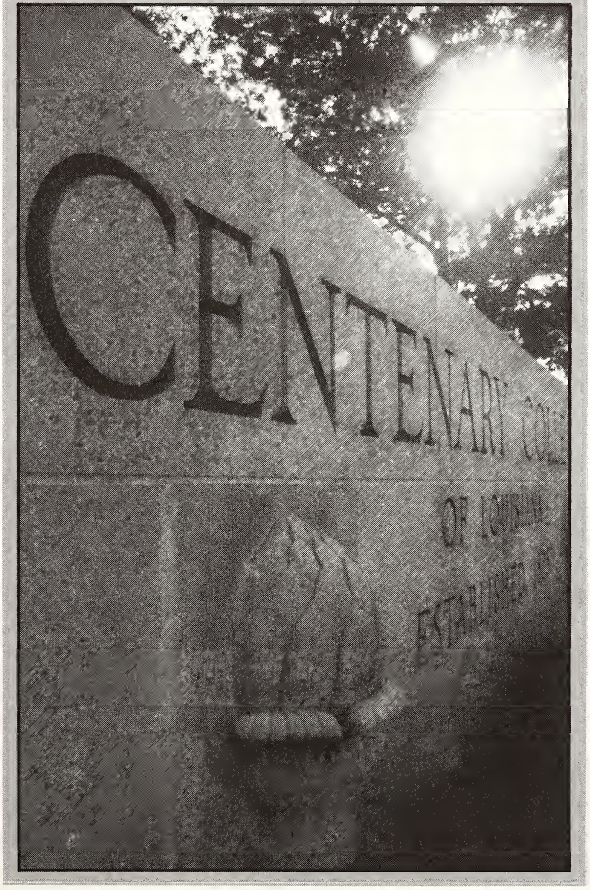


ACADEMIC CALENDAR 1993-1994

FALL SEMESTER 1993

Pre-registration Faculty Conference	8 a.m.-12:00 noon	Wed.	Aug. 25
Residence halls open for new students	1 p.m.-5:00 p.m.	Wed.	Aug. 25
Orientation		Thurs.-Sun.	Aug. 26-29
Residence halls open—returning students	1 p.m-6 p.m.	Fri.	Aug. 27
Cafeteria opens—returning students	4:30 p.m.	Fri.	Aug. 27
New Student Advising	9:00 a.m.-2:00 p.m.	Fri.	Aug. 27
Registration for new students	1:00-5:00 p.m.	Fri.	Aug. 27
Completion of pre-registration (returning students)	8 a.m.-11:30 a.m.	Sat.	Aug. 28
Registration for all other students	1:30 p.m-4:30 p.m.	Sat.	Aug. 28
Class work begins	8:20 a.m.	Mon.	Aug. 30
Labor Day Holiday		Mon.	Sept. 6
Last day for enrolling, adding courses or changing sections	4:30 p.m.	Tues.	Sept. 7
Last day for removing incomplete grades from preceding Spring, Module, Summer	12:00 noon	Fri.	Oct. 8
Cafeteria closed for Fall Break	6:15 p.m.	Thurs.	Oct. 14
Fall Break begins	8:00 p.m.	Thurs.	Oct. 14
Classes resume and cafeteria opens	7:15 a.m.	Mon.	Oct. 18
Mid-semester grades due	Noon	Fri.	Oct. 22
Last day for dropping courses or changing enrollment status	4:30 p.m.	Wed.	Nov. 3
Pre-Registration Week		Mon.-Fri.	Nov. 15-19
Cafeteria closed for Thanksgiving break	1:15 p.m.	Tues.	Nov. 23
Thanksgiving recess begins (Tues. declared a Fri.)	1:50 p.m.	Tues.	Nov. 23
Resident halls close for break	10:00 a.m.	Wed.	Nov. 24
Resident halls open	1:00 p.m.	Sun.	Nov. 28
Classes resume and cafeteria opens	7:15 a.m.	Mon.	Nov. 29
Preparation Week		Mon.-Fri.	Dec. 6-10
Classes End		Fri.	Dec. 10
Semester exams		Mon.-Fri.	Dec. 13-17
Cafeteria closed, end of semester	8:30 a.m.	Sat.	Dec. 18
Residence halls close	2:00 p.m.	Sat.	Dec. 18

SPRING SEMESTER 1994

Residence halls open	1:00 p.m.	Sun.	Jan. 9
Cafeteria opens	7:15 a.m.	Mon.	Jan. 10
Registration	8:30 a.m.-4 p.m.	Mon.	Jan. 10
Class work begins	8:20 a.m.	Tues.	Jan. 11
Last day for enrolling, adding courses or changing sections	4:30 p.m.	Tues.	Jan. 18
Cafeteria closed for Mardi Gras	1:15 p.m.	Fri.	Feb. 11
Mardi Gras Holiday begins	3:00 p.m.	Fri.	Feb. 11
Residence halls close	10:00 a.m.	Sat.	Feb. 12

Residence halls open	1:00 p.m.	Sun.	Feb. 20
Classes resume and cafeteria opens	7:15 a.m.	Mon.	Feb. 21
Module Pre-registration		Mon.-Fri.	Feb. 21-25
Last day for removing incomplete grades from preceding semester	Noon	Thurs.	Mar. 3
Mid-semester grades due	Noon	Mon.	Mar. 7
Last day for dropping courses or changing enrollment status	4:30 p.m.	Thurs.	Mar. 17
Spring recess begins	5:00 p.m.	Thurs.	Mar. 31
Cafeteria closed for Spring Break	6:15 p.m.	Thurs.	Mar. 31
Residence halls close	10:00 a.m.	Fri.	Apr. 1
Residence halls open	1:00 p.m.	Sun.	Apr. 10
Classes resume and cafeteria opens	7:15 a.m.	Mon.	Apr. 11
Pre-Registration Week (Summer, Fall)		Mon.-Fri.	Apr. 11-15
Preparation Week		Thurs.-Wed.	Apr. 28-May 4
Class work ends (Tues. declared a Fri.)		Tues.	May 3
Study Day		Wed.	May 4
Semester Exams for graduating seniors		Thurs.-Tues.	Apr. 28-May 3
Semester Exams for all others		Thurs.-Wed.	May 5-11
Baccalaureate and Commencement	2:30 p.m.	Sat.	May 7
Cafeteria closes	6:15 p.m.	Wed.	May 11
Residence halls close	2:00 p.m.	Thurs.	May 12

MODULE 1994

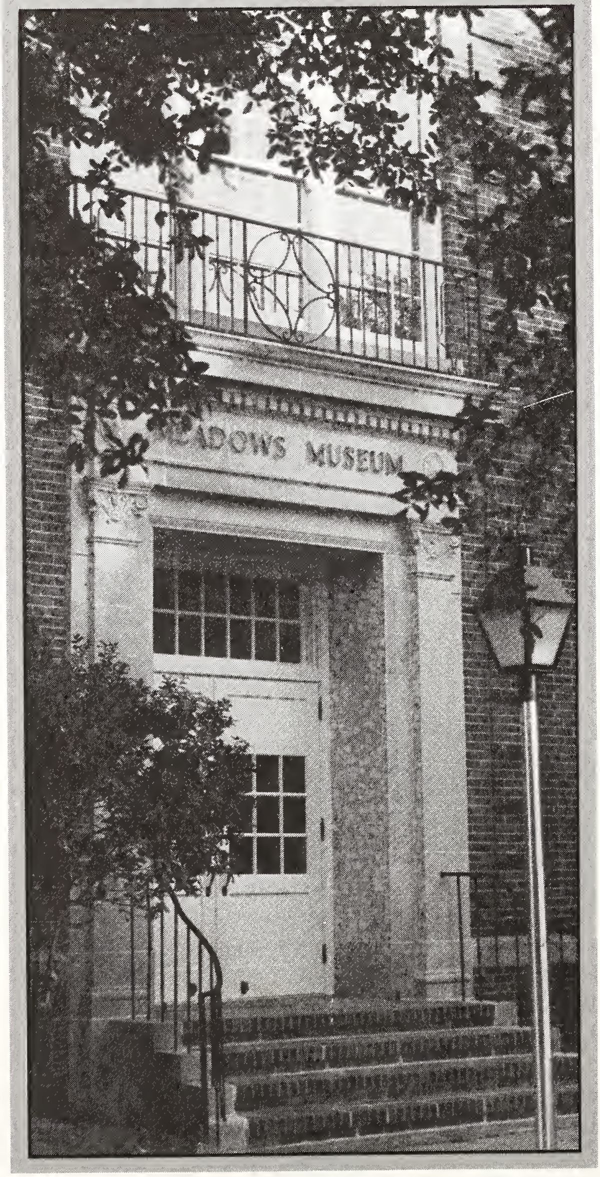
Classwork begins and cafeteria opens	7:15 a.m.	Mon.	May 16
Last day to drop	4:30 p.m.	Mon.	May 23
Classwork ends and cafeteria closes	5:30 p.m.	Fri.	June 3
Residence halls check-out for students not in Summer Session I	2:00 p.m.	Sat.	June 4
Module grades due		Tues.	June 7

SUMMER 1994

Residence halls open	1:00 p.m.	Sun.	May 15
Cafeteria opens	7:15 a.m.	Mon.	May 16
Registration and classwork begins	8:00 a.m.	Mon.	May 16
Four-week courses meeting 110 min. daily	1st Session	Mon.-Fri.	May 16-June 10
	2nd Session	Mon.-Fri.	June 13-July 8
Fourth of July Holiday		Monday	July 4
Last day for enrolling, adding courses, or changing sections	1st Session	Wed.	May 18
	2nd Session	Wed.	June 15
Last day for dropping courses or changing enrollment status	1st Session	Thurs.	May 26
	2nd Session	Thurs.	June 23
Cafeteria closes	6:15 p.m.	Fri.	July 8
Residence halls close	2:00 p.m.	Sat.	July 9

II

CENTENARY COLLEGE



The Centenary Experience

PURPOSE STATEMENT

As a liberal arts institution, Centenary College has established an educational community which endeavors to prepare students for life by offering them a course of study centered on a required core of traditional academic subjects in the humanities and the natural and social sciences and a major concentration in a particular discipline or area. This formal curriculum is complemented by a rich program of cultural, intellectual, and recreational activities, and opportunities to participate in the governance of the College.

PHILOSOPHY OF EDUCATION

A liberal arts education is the most fundamental and broadly empowering of all the varieties of education. As a liberal arts institution, Centenary College endeavors to prepare its students for the fullest and most harmonious realization of their potential as individuals and, through them, to promote the well-being of society. Centenary has established the following goals for its students:

To perceive, think, write, and speak clearly.

To become free from the provincialism of the present.

To study the best that human beings have thought, said, and done.

To serve society by exemplifying the highest Judeo-Christian ethic.

To develop a capacity for synthesizing ideas.

To prepare for responsibility in the family, the community, the nation, and the world.

To foster an awareness and appreciation of other cultures.

To acquire a detailed and systematic knowledge of a specialty.

To cultivate the personal qualities of integrity, honesty, tolerance, and courage.

Centenary seeks to accomplish these objectives in a variety of ways, but we agree that they are best realized within the context of a liberal arts education.

Because communication may be the most important determinant for personal and professional success, Centenary aims to prepare its students to perceive, think, write, and speak clearly. The most effective and persuasive communication begins with clear perception, is informed by knowledge and logical thinking, and is achieved with imagination and taste. The College expects its students to achieve a high level of proficiency in writing and speaking.

A principal goal of liberal education is to liberate students from the constraints and limitations of individual consciousness and to enable them to achieve historical perspective. To this end, Centenary seeks to provide its students with a basic understanding of human affairs and to introduce them to the best that human beings have thought, said, and done, that they may understand, enjoy, and ultimately, enhance these achievements. The College endeavors to cultivate in its students the capacity to view the events of the past and the critical issues of the present within increasingly wider contexts. In making our cultural heritage accessible to students, Centenary intends to establish the basis for a common discourse, without which there can be little meaningful sense of community.

Centenary's residential campus with its beautiful gardens and park-like areas fosters a strong sense of place and provides a physical basis for the spirit of community the College strives to cultivate. Centenary believes that the sharing of experiences among members of a diverse, but tolerant, group contributes significantly to the education of its students. In this setting the College seeks to create an experience which is both valuable in itself and a touchstone for a lifetime of productive growth.

As an institution of the United Methodist Church, Centenary is committed to cultivating in its students an awareness and appreciation of the values of the Judeo-Christian tradition with its emphasis on the dignity of the individual, its reverence for truth, and its compassionate understanding of human weaknesses and aspirations. At the same time, the College is unequivocally committed to the principle that, in an open universe, individuals must be free to examine, refine, and, ultimately, to select their own values. Recognizing that while some values are enduring, others change with changing circumstances and with the growth of knowledge, Centenary does not seek to indoctrinate its students with ready-made values but teaches them what values are and how they are formed, and prepares them to select their own.

Centenary aims not only to impart to its students knowledge of the fine arts, humanities, mathematics, natural and social sciences, but also to make them aware of the assumptions, methods, scope, strengths, and limitations of these diverse fields of inquiry. We believe that human affairs are better understood and that the analysis of certain problems is often more productive when illuminated with the insights of various disciplines. In this connection, Centenary wishes to empower its students with an understanding of principles and a capacity for synthesizing ideas. Facts are basic, but of far greater importance are the principles and theories which give meaning to facts.

Centenary seeks to prepare its students for responsibility in the family, the community, the nation, and the world. If the purpose of civilization is to enhance the well-being of the individual, Centenary is convinced that, in turn, individuals must become aware of the immense debt they owe to the countless men and women whose efforts and sacrifices throughout the ages have built and preserved civilization. The College believes that each individual has the responsibility to contribute to the continuation of the fragile process of civilization.

Centenary holds that knowledge of other cultures plays an important role in freeing students from individual and cultural narcissism and in preparing them for living in our highly interdependent contemporary world. Liberal education is a process entailing growth in many dimensions, a going from the known and familiar to the strange and unfamiliar, and from the sometimes monotonous confines of what one already is to the exciting possibilities of what one can be. Cross-cultural knowledge contributes significantly to this process of growth and, indirectly, to the continued vitality of the nation.

The attainment of depth in at least one field of knowledge is both a prime requisite of liberal education and a means of preparing students to earn a living.

Only through a detailed and systematic knowledge of a specialty can a person be consistently productive in that field. Still, at Centenary such in-depth education takes place within the framework of liberal education, which equips students to bring to their chosen careers the broadest possible powers of intelligence, resourcefulness, judgment, and character. Also, Centenary aims to prepare students for graduate study and provides them opportunities through internships to integrate theory and practice in their fields.

In keeping with its goal of developing the whole person, Centenary encourages its students to become physically fit and to acquire habits and sports skills that will yield pleasure and promote physical fitness throughout their lives.

Centenary aspires to nurture in its students a habit of intellectual curiosity, a thoughtful scepticism, a zest for learning, and the ability to act on rather than merely react to circumstances. The College strives to prepare its students for a life of integrated intellectual, emotional, aesthetic, social, and moral growth, for a full and joyous life. The liberally educated person characteristically exemplifies the qualities of civility, tolerance, integrity, loyalty, rationality, courage, and judgment. Centenary seeks students who are willing to commit themselves to these principles and goals.

HISTORY

Established in 1825 as the College of Louisiana, in Jackson, the school merged in 1848 with Centenary College, which had been founded six years earlier by The Methodist Church in Clinton, Mississippi. In 1908, accepting a generous offer of land and support from the Atkins family and a group of friends, the College moved to Shreveport.

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ACCREDITATION

Centenary College is accredited by the recognized regional and national agencies and is approved by the University Senate of The United Methodist Church and by the Commission on Colleges of the Southern Association of Colleges and School to award B.A., B.M., B.S., M.S., M.Ed., and M.B.A. degrees. Accreditation documents may be viewed in the Office of the President.[1]

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[1] Also, the College maintains membership in the American Association of Collegiate Registrars and Admissions Officers, the American Association of University Women, the Conference of Louisiana Colleges and Universities, the Council for Advancement and Support of Education, the Institute of International Education, the Louisiana Academy of Science, the Association of Departments of English of the Modern Language Association, the Association of Departments of Foreign Languages of the Modern Language Association, the National Association of Schools and Colleges of The United Methodist Church, and the Associated Colleges of the South. Centenary College is a participant in the Common Application Program. The College is also listed in *Peterson's Competitive Colleges*. The undergraduate program in chemistry is approved by the American Chemical Society, and the music program is accredited by the National Association of Schools of Music.

FACULTY

With a student/professor ratio of twelve to one, the classes at Centenary range in size from thirty students in popular introductory courses to six or ten students in junior and senior seminars.

Centenary College is especially and justly proud of its faculty, many of whom are nationally and internationally known authorities in their fields of study. Over two-thirds of the faculty hold terminal degrees. Seven members of the faculty and staff have earned the coveted key of Phi Beta Kappa. Thirteen have the honor of membership in Omicron Delta Kappa.

Within the past decade Centenary professors have been awarded an impressive number of research fellowships and study grants by the American Council of Learned Societies, the American Philosophical Society, the Henry E. Huntington Library, the National Science Foundation, and the National Endowment for the Humanities. (There have been ten NEH awards to Centenary professors.) During that same period, Centenary faculty members have also been honored as Danforth Associates, Fulbright lecturers, national officers in professional associations, and visiting professors in American and European universities.

SHREVEPORT AREA

Shreveport is located on the west bank of the Red River in Northwest Louisiana. The metropolitan area has a population in excess of 300,000 and forms the geographical, cultural, and economic center of the region known as the Ark-La-Tex.

The climate of the area features pleasant spring and fall temperatures, consistently warm summers and mild winters, with cold periods of short duration. The average annual temperature is 66° Fahrenheit. Residents enjoy outdoor sports and recreation throughout the year.

The Shreveport area is a major producer of oil and natural gas.

Another important part of the local economy is Barksdale Air Force Base, the headquarters of the Eighth Air Force and one of the largest bases of the Strategic Air Command.

The city has many fine medical and health care facilities, including a state medical center, school of medicine and allied health, and many general hospitals.

Centenary College and members of the Shreveport community enjoy joint participation in cultural events. Opportunities in theater, musical events, opera, dance, and the visual arts are offered on and off campus.

ACADEMIC BUILDINGS AND FACILITIES

The sixty-five-acre campus of Centenary College, two miles south of downtown Shreveport, is widely known for its natural beauty and stately Georgian architecture.

CAMPUS BUILDINGS AND GARDENS

Brown Memorial Chapel. The College chapel was erected in 1955, through the generosity of the late Paul M. Brown, Jr., Chairman Emeritus of the Board of Trustees, and his brother, Colonel S. Perry Brown, a life member of the Board, in honor of their parents.

Bynum Memorial Commons, the cafeteria, built in 1956, was named in 1974 to honor Robert Jesse Bynum, New Orleans businessman and benefactor of the College.

The Pierce Cline Residence Hall for Men was named for the twenty-ninth President of Centenary and opened in 1963 and houses 200 male students.

Crumley Memorial Gardens. These beautifully landscaped gardens, where azaleas bloom each spring, were a 1954 gift of the late Howard Crumley and Mrs. Crumley in honor of their son, David Howard Crumley.

Frost Memorial Fountain and Rose Garden. This lovely garden, in front of the Student Union Building, was a gift (1954) of Edwin Frost Whited in memory of his grandfather, Edwin Ambrose Frost.

The Gold Dome. Completed in 1971, this excellent physical education facility with the geodesic dome serves as the home basketball court and gymnastics arena for the Centenary Gentlemen and Ladies.

Hamilton Hall, the administration building, also completed in 1971, was largely the result of gifts by the late Mr. and Mrs. David Philip Hamilton. Mrs. Hamilton was a trustee of the College and a member of the first Centenary class to graduate in Shreveport.

The John A. Hardin Memorial Residence for Women opened in 1958 for 68 women residents; its name honors a former dean and professor of mathematics at Centenary.

The Hargrove Memorial Amphitheatre, was a gift of Mrs. R. H. Hargrove and her children and was built in memory of her husband, Mr. Reginald H. Hargrove. It is often used for convocations, plays, and concerts.

The W. A. Haynes Memorial Gymnasium, presently used for intramural, physical education, ROTC, and art activities, was built in 1936; its name honors a Shreveport oilman who was a generous benefactor of Centenary programs of the 1920's and 30's. In 1985 the gymnasium was renovated through gifts from friends of the College.

The Hodges Rose Garden. In 1983, through gifts from Mr. and Mrs. G. W. James, this garden was constructed and endowed in the memory of Mrs. Addie Reynolds Hodges and Mrs. Maggie Hodges James, the grandmother and mother of the donors. This beautiful garden has over twenty different types of plants and provides a peaceful setting for study and relaxation.

The Ed E. Hurley Memorial Music Building and the *Gladys Hurley School of Music* honor the memory of the late Mr. and Mrs. Hurley, long-time patrons of the College. The Gladys Hurley Memorial Music Library was constructed in 1990.

Jackson Hall. The present structure was erected in 1941 on the site of the first Jackson Hall (1908), both named for the original location of the College. It was completely remodeled in 1988 with a grant from the Frost Foundation, and gifts from individual donors to furnish and endow the rooms.

The T. L. James Residence Hall for Women. This dormitory was a gift of the T. L. James family of Ruston, Louisiana.

The Marjorie Lyons Playhouse, one of the most beautiful and well-equipped college theatres in the country, was a 1958 gift of trustee Charlton H. Lyons and his family.

The John F. Magale Memorial Library, the academic heart of the College, was Magale, a Shreveport oilman and major contributor to the College during his lifetime.

The Meadows Museum of Art. In 1976, through a gift of the late Algur H. Meadows, an alumnus, this building, which housed administrative offices from 1925-1971, was transformed into a lovely art center; on permanent display in it is the Jean Despujols Collection of Indochinese Art.

The Joe J. Mickle Hall of Science. The late Joe J. Mickle was President of Centenary from 1945-1964. The science building was completed in 1950 and named for him in 1964. Also located in this facility are the Computer Center, the Barrow physics laboratories, and the rehearsal hall of the Centenary College Choir. W. Russell Barrow furnished the laboratories in honor of his mother, the late Addie Johnson Barrow. Trustee Gertrude Anderson furnished the rehearsal hall. In addition, Mr. and Mrs. George Wray were major contributors to the establishment of the building.

The Randle T. Moore Student Center, commonly called the SUB (Student Union Building), was built in two stages: the first, in 1938; the second, in 1958 with the generous support of the benefactor whose name it bears.

The Sam P. Peters Research Center, constructed in 1990, houses archival materials and research functions. American literary documents, including those of Jack London and William Corrington, and memorabilia of Louisiana United Methodist churches, are preserved and made available for study. The building was made possible by a gift from Sam P. Peters, 1939 alumnus and trustee.

The Rotary Residence Hall for Men, built by the Rotary Club of Shreveport in 1926, was remodeled in 1954, and again in 1965. It now houses 128 male residents.

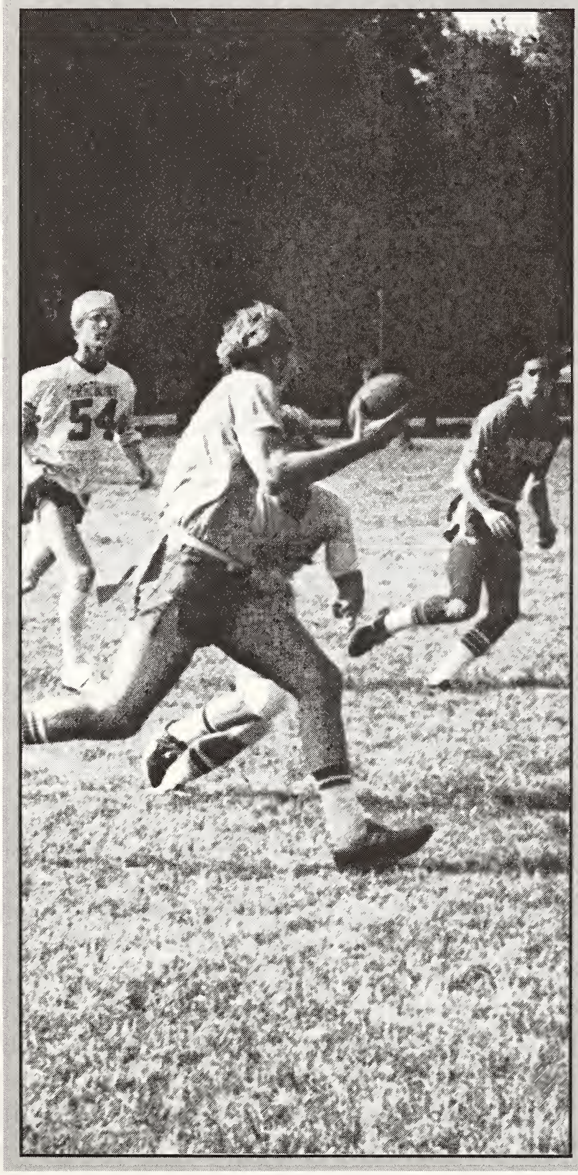
The George S. Sexton Memorial Residence for Women, housing 189 females, was built in 1960 and named for the man who served as President of Centenary from 1922-1932.

The Dean R. E. Smith Building. The Louisiana Conference of The United Methodist Church funded this building in 1961 and named it for the late Dean R. E. Smith, Centenary professor of Biblical literature for twenty-nine years. It contains the Nellie P. Kilpatrick auditorium, in memory of the distinguished lady who was named Honored Trustee by act of the Board of Trustees.

The Sydney R. Turner Art Center, completed in 1987, houses the faculty and programs of the Art Department. The Center has up-to-date classrooms, studio and gallery facilities. It was made possible by a gift from Centenary alumnus Sydney R. Turner of Los Angeles, California.

III

LIFE ON CAMPUS



Students from all sections of the United States and several foreign countries compose the student body of Centenary College. Approximately 75 percent come from the Ark-La-Tex. A large number reside on campus.

RESIDENCE HALL LIVING

The College makes every effort to create an environment for learning that is conducive equally to personal growth and to complete involvement in campus living.

All full-time students, except married students, those living at home with their parents, and those seniors 21 years of age or older, are required to live on campus and to purchase meals in Bynum Commons. (see Below). Other exceptions to this requirement are listed in the ***Centenary College Student Handbook*** and must be approved by the Dean of Students prior to registration.

The five residence halls, three for women and two for men, are all air-conditioned. Rooms are assigned on the basis of applications made each semester. Whenever possible, students are assigned to their choice of rooms and residence halls. There is a resident director in each hall, and student resident assistants provide supervised peer counseling, leadership, and direction.

MEALS

The College offers residential students a choice of a full meal plan (20 meals per week) or a 2/3 meal plan (any 14 meals per week, any 2 meals per day). With a recommendation from a physician, accompanied by a listing of specific dietary needs and a referral from the Assistant Dean of Students, special diets may be provided by the Food Service Director. Requests for exemption to the meal policies may be directed to the Asisstant Dean of Students to be forwarded to the "Exception Review Committee."

Commuter students may purchase the full or 2/3 meal plans. Additional plans available for commuter students include a 1/3 meal plan or a declining balance account. Meal plans for commuters are optional, not required.

Hot and cold food and snacks may be purchased at the Jukebox Cafe in the Moore Student Center.

MOORE STUDENT CENTER (SUB)

The SUB is at the center of the campus. The Bookstore is in the lower level. The upper level provides space for the faculty lounge, offices for the student radio station (***KSCL***), student year-book (the ***Yoncopin***), student newspaper (the ***Conglomerate***), and the student literary magazine (***Pegasus***). The Student Government Association, Career Development Center and the Student Activities/Intramural Office are located on the first floor along with a lounge area, a game room (offering table tennis and pool, electronic games, wide screen TV), the Post Office and the Jukebox Cafe.

The SUB offers a comfortable atmosphere for studying, relaxing and visiting friends. The widescreen TV is connected to a cable system and a VCR is available to view movies.

STUDENT GOVERNMENT

Centenary traditionally has supported and encouraged student government. In addition to Student Government, students serve as full voting members on most committees of the College. The College has delegated considerable authority to the Student Senate, the Honor Court, the Judicial Board, and the Residence Hall Councils. The officers and members of the Senate are elected representatives of the entire student body. Students serving on College committees are appointed by the External Vice President of Student Government.

THE HONOR SYSTEM

All students are bound by the Honor System which is applicable to all academic work. The Honor Code is administered through an Honor Court composed of student Justices who are elected through nominations from both faculty and students. The complete Honor Code is stated in the Student Government Constitution contained in the Student Handbook.

The Honor System is based upon the premise that honor is fostered, not forced, and that it can be fostered only through the willing and earnest efforts of both faculty and students.

HEALTH CARE

All full-time students are covered by a secondary accident insurance policy. Health insurance is not provided by the College and each student is urged to bring a copy of their own or their parents' health insurance card for their file.

All full time undergraduates are assessed an infirmary fee each semester for medical screening through the College's Infirmary. This is a "sick call" program that offers first-contact care and consultation. The infirmary is staffed by local physicians and a nurse and is operated in accord with a posted schedule during the fall and spring semesters. The service is not meant to replace full diagnostic or full treatment care. The Infirmary staff does make referrals to local clinics and doctors as the situation may require. Follow-through is the responsibility of the student. Students under on-going care may want to establish contact with a local physician at the beginning of their first semester.

Full service medical facilities are available near the campus; however, costs for health care are handled on a private patient basis.

COUNSELING

Faculty advisers, Dean of Students, and staff advise students on personal, social, and residence hall concerns as well as on matters relating to the Greek organizations. Also available for consultation are the Chaplain and the Director of Student Activities.

CAREER DEVELOPMENT

The Career Center is available to all students and alumni of Centenary College. The Center provides guidance and direction to students seeking information on career goals, vocational interests, and employment decisions.

First year students who are undecided about a major and career plans may complete interest inventories with the assistance of the Career Center staff.

Freshmen and sophomores are provided a variety of opportunities to take advantage of this resource as they plan for their major and career orientation as required.

Juniors and Seniors may earn up to three credits toward graduation by enrolling and participating in an internship through their academic department or the College through the Career Center. The Career Center staff can assist students in locating appropriate internships.

The Career Center offers workshops for students related to résumé writing, interviewing skills, job hunting, and career interests. To aid in academic success, the Career Center and Dean of Students' Office offer workshops on time management, study skills, test taking, and note taking.

The Career Center library provides a central reference area on corporate profiles, occupational literature, and books and videos on job search tactics. The Center also serves as a resource for part-time jobs in the community. It assists in graduate school preparation and selection and post-graduate job opportunities. For those students and alumni who request it, the Center will maintain a permanent placement file containing reference letters and their résumé.

The Department of Education has a separate office for assistance in the placement of teachers.

Students who desire on-campus employment should contact the Office of Financial Aid.

RELIGIOUS SERVICES AND ORGANIZATIONS

Brown Memorial Chapel offers many opportunities for worship and private meditation. The Chaplain coordinates religious services and programs. Other special programs are sponsored by the School of Church Careers.

Centenary students are regular participants in churches and synagogues throughout the Shreveport area. The United Campus Ministries, composed of student, faculty, and staff representing various denominations, strives to foster the development of the student in campus-wide religious activities.

The Methodist Student Movement (MSM) is the organized ministry of the United Methodist Church to the campus. At Centenary, MSM sponsors regular weekly meetings, films, lectures, discussion groups, and spring and fall retreats which are dedicated to higher learning in the modern college. Programs of a similar nature are also provided by the Canterbury Club (Episcopal), the Baptist Student Union, the Catholic Student Organization, and Mainstream (interdenominational).

LIBRARY AND INFORMATION SERVICES

Magale Library is undergoing a transformation from a traditional library, focusing on the storage and retrieval of books, to a contemporary information service seeking to meet the information needs of students who will spend the bulk of their careers in the 21st century. A core collection of important books and journals is carefully selected, maintained, and de-acquisitioned on an ongoing basis to provide support for the curriculum and the intellectual interests of the students and the faculty. Several resources are available in optical-disk (CD-ROM) format for quick research inquiries. On-line searching is available, by appointment, for more extensive research as needed by faculty and students. Other holdings include newspapers, journals, and other resources on microform or microfiche, and a growing collection of video and film recordings. The library maintains extensive open hours and several group study rooms for the convenience of the students.

Since 1979 Magale Library has participated in the OCLC network, through AMIGOS, for cataloging and interlibrary loan purposes. This facilitates the bibliographic searching of OCLC's 25 million item database. The library has automated its catalog, circulation, and other administrative and technical activities.

MUSIC

The Gladys F. Hurley School of Music provides opportunities for students to participate in campus organizations. Instrumentalists may audition for the Wind Ensemble, the Jazz Ensemble, the Hurley Chamber Orchestra, the Shreveport Symphony, and various instrumental ensembles. Vocalists may find opportunities with the internationally known Centenary College Choir, the Camerata, and the Opera Theater. Additionally, as the regional center for concerts by solo recitalists, chamber music groups and the Shreveport Symphony Chamber Orchestra, the Hurley School of Music offers many varied concerts to both the College and the community.

THEATRE

The versatile Marjorie Lyons Playhouse makes it possible for Centenary to present imaginative and artistic drama and to provide diversified and entertaining dance programs. The Rivertowne Players is the theatrical organization for students.

FILM

The Centenary Film Society, a student-faculty group sponsored by the English Department, offers to the campus and the community a wide variety of classic and contemporary films. The Film Society offers narrative, experimental, animated, and documentary films weekly and Film Festivals monthly while the College is in session.

SPECIAL EVENTS

The Senate-sponsored Forums series brings to the campus renowned educators, political leaders, and other public figures. Also, students enjoy guest lectures and entertainers representing all the arts. All-campus dances, professional entertainment, the Founders' Day picnic, all-campus revues, and all-campus weekends involve the entire community of the College.

Each year through the Willson Lecture Series outstanding lecturers in theology, philosophy, and education are brought to the campus. These guest lecturers are provided through the generosity of Dr. and Mrs. J. M. Willson of Floydada, Texas.

Centenary also participates in the Woodrow Wilson Visiting Fellows Program, which brings two distinguished lecturers a year to the campus. They spend a week meeting classes, dining in the cafeteria with students and faculty, hosting informal sessions with students, and giving an address open to the public. Outstanding diplomats, journalists, corporation executives, and politicians have visited the College in this program.

Each fall representatives from a cross section of community organizations and students participate in a leadership development conference.

THE MEDIA

Student talent and opinion find expression in ***The Conglomerate***, the student newspaper, ***Pegasus***, a literary magazine, and in the ***Yoncopin***, the yearbook. Written and edited by students, these media are financed by student fees and advertising.

KSCL-FM is the student-managed-and-operated 150-watt radio station broadcasting up to 65 hours per week. The station offers open format, experimental, educational, and public service programming to the South Shreveport community. Also financed by student fees, KSCL-FM meets the requirements and regulations of the Federal Communications Commission governing college stations.

PHYSICAL FITNESS AND ATHLETICS

Centenary provides a broad, general program of physical fitness. Courses in various physical activities include instruction in individual and team sports. Students are encouraged to participate in both intramural and intercollegiate competition.

Haynes Gym is equipped with physical fitness facilities.

Centenary sponsors fourteen intercollegiate athletic programs, seven men's sports and seven women's sports, which compete against nationally ranked opponents. The men's and women's teams are members of the National Collegiate Athletic Association (NCAA) Division I and are members of the Trans America Athletic Conference (TAAC). Men's teams are - basketball, baseball, cross country, golf, riflery, soccer, and tennis. Women's teams are - tennis, riflery, cross country, volleyball, gymnastics, soccer, and softball. The men's teams have been a winner of the prestigious Jesse C. Fletcher Trophy which is awarded to the best all-around program in the TAAC. Centenary soccer has won three consecutive conference championships - 1988, 1989, and 1990. The Centenary Gents basketball team won the 1989-90 regular season championship.

Prior to being integrated into the Trans America Athletic Conference, Centenary women's gymnastics team won the National Association of Intercollegiate Athletics (NAIA) Championships in 1984 and 1988 and the tennis team earned national rankings in the NAIA.

SERVICE AND DEPARTMENTAL ORGANIZATIONS

Students may become more directly involved in campus life through participation in departmental clubs, honor societies and other campus organizations. Other opportunities for involvement include the Student Activities Board (SAB) and the SGA Entertainment Committee. This represents only a partial listing of the many opportunities available. All organizations are listed in the Student Handbook in the Student Organizations section.

SOCIAL FRATERNITIES AND SORORITIES

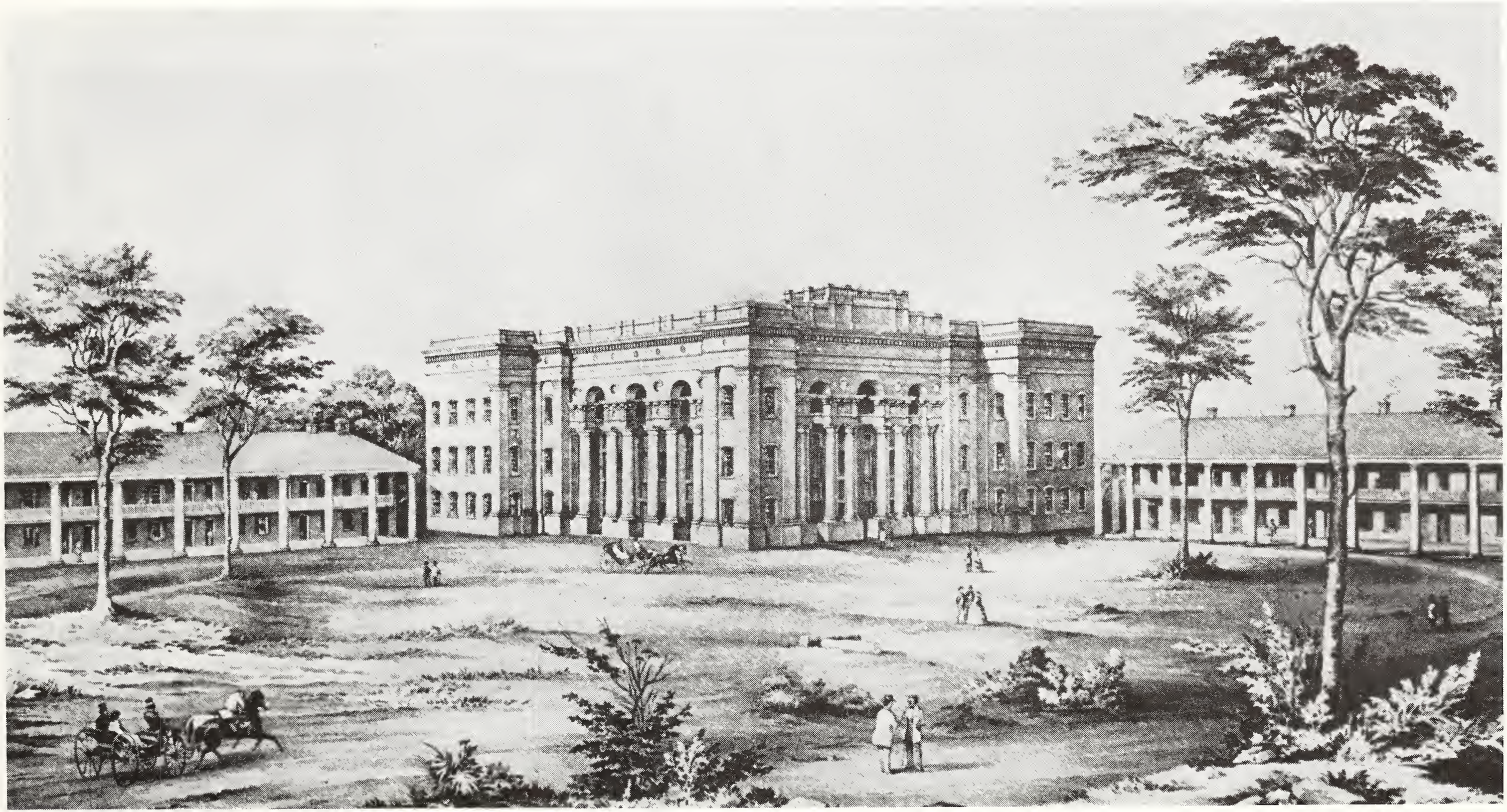
Greek social organizations at Centenary comprise four national fraternities and two national sororities. The fraternities are Kappa Alpha, Kappa Alpha Psi, Kappa Sigma, Tau Kappa Epsilon, and Theta Chi; the sororities are Chi Omega and Zeta

Tau Alpha. Fall rush initiates a full year of Greek activities coordinated by the Inter-Fraternity Council and the Panhellenic Council.

THE ALUMNI ASSOCIATION

The Centenary College Alumni Association is the organization through which each graduate maintains a lifetime of supportive interest in the College and its programs and communication with fellow former students. A network of class agents serves to inform Centenary's 9,000 alumni. Homecoming is held annually.

Student Foundation members help with decorations for Orientation.



Original campus established in 1825 in Jackson, Louisiana.

IV

ADMISSIONS

ADMISSION REQUIREMENTS

Centenary College offers admission without regard to race, sex, handicap, or religion. Students desiring to transfer from accredited colleges and universities and students pursuing the General Education Diploma (GED) are eligible to apply for admission. At the time of enrollment, applicants must have a diploma from an accredited secondary school or a GED.

UNDERGRADUATE APPLICATION REQUIREMENTS

CRITERIA FOR ADMISSION

Centenary College seeks students who are seriously committed to the pursuit of a liberal arts education, but who, beyond that, have varied interests, backgrounds, and talents. Applicants should demonstrate a capacity for academic achievement and a responsiveness to personal challenges, as evidenced in the rigor of the secondary courses taken, grades, class rank, ACT or SAT test scores, application essay, letters of recommendation, and extracurricular activities. The College wishes to attract students who give promise of both benefiting from and adding to its various activities. While academic achievement and promise weigh heavily in the consideration of applications, due regard is given to such factors as character, maturity, originality, special interests and talents, and determination.

To ensure a common educational base of appropriate standards, a minimum of fifteen college preparatory units is recommended, including four in English, two in a foreign language, three in social science, three in mathematics (Algebra I, Algebra II, and Geometry), and three in science. The grade point average used for Admission and Financial Aid decisions is computed using only the academic courses listed here.

PERSONAL INTERVIEWS AND CAMPUS VISITS

The admissions application process requires a personal interview. Interviews may be scheduled for week days from 8:00 a.m. to 4:30 p.m. and on Saturdays by appointment only. Interviews will also be offered in other cities during the fall and winter by appointment. The admission office telephone number is (318) 869-5131. The office is located in Room 135 of Hamilton Hall.

Every fall the College holds several visitation programs for invited high school juniors and seniors. In the spring, Junior Day. For further information about these and other opportunities for visiting the campus, interested students and parents should contact the Office of Admission.

DATES OF ENTRANCE

Freshmen and transfer students may enter in September, January, May, June or July.

APPLICATION PROCEDURES

Application materials are available upon request. Centenary's application requirement consists of:

(1) APPLICATION FOR ADMISSION All persons seeking admission must complete the application for admission. It is to be submitted with a nonrefundable twenty-dollar ($30.00) fee to the Office of Admissions.

(2) TRANSCRIPTS
   a. Freshmen applicants must have transcripts of their high school records sent to Centenary directly from their high schools.
   b. Transfer applicants must have transcripts and transfer evaluation forms sent directly to Centenary by all the colleges they have Attended.

(3) EXAMINATION RESULTS
All freshmen applicants are required to submit results from the Scholastic Aptitude Test (SAT) or the American College Testing Program (ACT). Achievement tests are recommended but not required.

(4) EVALUATIONS AND RECOMMENDATIONS
It would be helpful to have a letter of recommendation submitted by a guidance counselor, teacher, Centenary alumnus, or other respected adult who knows the applicant well.

(5) MEDICAL HISTORY AND PHYSICAL EXAMINATION
All approved applicants will receive a medical history and physical examination form at the time of acceptance. This required form must be filled out by a physician and mailed by the physician to the Dean of Students' Office as soon as possible after notification of acceptance.

NOTIFICATION, REPLY DATES, AND RESERVATION DEPOSITS

The committee on admissions acts on applications when they have completed (application form, fee, and transcripts, and, for freshmen, test scores and guidance counselors' recommendation if required), and applicants are notified of the committee's decision directly thereafter.

Because it is helpful to our overall planning, accepted students who plan to enroll in Centenary are requested to notify us as soon as possible after their decisions have been made by submitting an advanced tuition deposit of $100.00. This deposit is held until a student graduates or withdraws from Centenary College. Any outstanding fines or fees will be subtracted from this deposit and the balance returned. Prior to enrolling at Centenary, this deposit is refundable up to May 1 preceding a fall or summer enrollment, and December 1, preceding a spring enrollment. Refunds must be requested in writing on or before these respective dates.

An additional sixty-dollar ($60.00) room deposit is required of each student planning to live on campus. The room deposit is refundable until May 1, December 1, and May 1 preceding a fall, spring, or summer enrollment respectively.

After enrollment, the room deposit remains in the student's account as a warranty against damages to College property. If no damages are assessed, the room deposit is refunded when the student leaves the College, either by withdrawal or upon graduation. The refund must be requested in writing.

All applicants are considered as provisional students until their files are complete, including, in the case of transfer students, receipt of transcripts or records of all study pursued elsewhere. Provisional students may not receive grades or register for additional course work until their files are complete.

ADMISSION OF NON-HIGH SCHOOL GRADUATES

Students who have not prepared for college may submit results of the General Education Development Test (GED) along with a transcript of work completed. At the discretion of the admissions committee, results of the American College Test (ACT) or the Scholastic Aptitude Test (SAT) may be required.

EARLY ADMISSION

Gifted students completing their junior year in high school may apply to the College for admission as full-time students. Students entering under the early admission program do not receive their high school diplomas from Centenary, but begin college-level work earlier than normal. The requirements for early admission are stringent: 3 units of English, 3 of mathematics, 2 of natural science, and 2 of social science; the personal recommendations of the high school principal, guidance counselor, and parents, all in writing; junior-year ACT or SAT scores showing a high degree of aptitude and verbal skills (a 26 ACT composite or 1150 SAT composite); a 3-year high school transcript of outstanding achievement (3.5 or above in college preparatory subjects), and a personal interview with the committee on admission, giving evidence of maturity and responsibility.

CONCURRENT ENROLLMENT

Outstanding seniors who wish to take courses at Centenary while continuing work toward the high school diploma may apply for concurrent enrollment. The standards for admission to this program are the same as for early admission. High school credit for work done at Centenary may be granted only with the approval of the high school.

Juniors in high school who request permission to take courses in summer school should submit an application to the office of admissions accompanied by a letter from one of their high school teachers. The committee on admissions will examine these materials.

TRANSFER ADMISSION

A transfer student is one entering Centenary from another institution of higher learning. A completed application for admission and transcripts showing all work attempted at other colleges or universities are required. The following policies apply to the transfer student:

(1) credit is transferred only from other regionally accredited colleges and universities in courses in which a grade of "C" or better (or a "P") has been earned, and only for courses in academic disciplines offered at

Centenary. Some courses not regarded as college-level (such as remedial work) or consistent with the liberal arts tradition may not be transferred nor credited toward a degree. Grades from other institutions are not transferred, and cumulative averages are calculated only on work done at Centenary except for the calculation of graduation honors and rank in graduating class;

(2) after earning sixty-four (64) semester hours at a junior college, a student may not take additional work at a junior college and have it apply toward a degree from Centenary;

(3) a student must complete all college, major, and supportive requirements for a Centenary degree;

(4) official evaluation of transferred study will not be made until all official transcripts or records have been submitted, the student has been admitted, and has paid the necessary admission fees and deposits. To be acceptable as transfers, students must be eligible to return to their previous institutions and must exhibit the ability to perform at a level required by a selective college like Centenary. The Admissions Committee will consider the curriculum chosen, grade point average earned, and the competitive nature of the college or university from which the student is transferring. If students do not meet the above criteria, they may be admitted on a probationary basis by a majority vote of the faculty subcommittee on admissions. See Academic Progress, page 58.

Transcripts and records required of students for admission become a part of the student's permanent file and cannot be returned to nor legally copied for the student.

PART-TIME ADMISSION

A part-time student is enrolled in a degree program for less than twelve (12) semester hours. Requirements for admission and policies pertaining to part-time students are the same as those for full-time students.

SPECIAL STUDENT ADMISSION

A special student is one enrolled in a non-degree program. Applicants should submit the application for admission along with the application fee. Non-degree students may enroll for courses without regard to graduation requirements, but must meet prerequisites for courses chosen. Non-degree students wishing to apply for a degree program, must reapply, provide full credentials and meet admission requirements for degree students. Work completed at Centenary will weigh heavily in the decision of the admission committee. Non-degree students may not represent the College in extracurricular activities.

READMISSION OF FORMER STUDENTS

A student who has withdrawn from Centenary and who wishes to return must apply to the Dean of Enrollment Management for readmission. If a student has attended any other institution(s) of higher learning during the absence from Centenary, official transcripts of work undertaken there must be submitted, together with statements of honorable dismissal from the other institution(s). Students who have attended other institutions for more than two semesters must re-apply to Centenary as transfer students.

INTERNATIONAL STUDENTS

Centenary welcomes the applications of students from other countries. Separate application forms and brochures describing the Centenary programs for international students are available upon request.

All admissions decisions concerning international students should be made by a committee consisting of the educational policy subcommittee on admissions and the international student adviser.

The College adopts as its official policy for international students admission, the guidelines published by the American Association of Collegiate Registrars and Admission Officers in its World Education Series.

The following credentials are required of all international applicants to the College:

1. completed special International Student Application Form; $60.00 application fee;
2. certified copies of originals of relevant school records and diplomas;
3. a score of 550 on the Test of English as a Foreign Language (TOEFL) (required only of non-native speakers of English);
4. statement of financial capabilities and resources;
5. health certificate;
6. hand-written narrative of proposed program of study in the U.S.;
7. letter of recommendation.

The committee uses as its official guidelines in interpreting TOEFL scores the TOEFL Test and Score Manual of the Educational Testing Service.

TRANSIENT STUDENT

Students enrolled in other colleges may take courses at Centenary in any semester provided they are in good standing at the college where they are enrolled as regular students. A formal application and a twenty-dollar ($30.00) application fee are required, along with a letter of good standing from the dean or registrar of the other college.

ADDITIONAL REQUIREMENTS IN MUSIC

Entering students are given auditions and placement tests in music theory and piano (for non-keyboard majors). For unconditional acceptance as a music major, a student should be able to perform an entrance audition in the major applied area, meeting standards set by the School of Music. Placement tests are administered during freshman orientation each fall, and prior to registration for the second semester. Entering freshmen should consult early with the Dean of the School of Music concerning qualifications, auditions, and tests.

Credit in applied music for students transferring from other colleges will be determined by an audition before the music faculty and by progress made during the first semester at Centenary. Also, transfer students should expect to take examinations in music history to determine whether equivalent standards have been met.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Centenary College maintains the following policies regarding the College Level Examination Program:

A. General Examinations (GE)

1. College Composition	Elective credit in English (For ENGL 101: See Advanced Placement) 3 semester hours
2. Natural Sciences-	**Section 1** Elective credit in Biology 3 semester hours **Section 2** Elective credit in Physical Sciences 3 semester hours
3. Mathematics-	Elective Credit in Math 3 semester hours
4. Humanities-	**Section 1** Elective Credit in Fine Arts 3 semester hours Section 2 Elective Credit in Literature 3 semester hours
5. Social Sciences & History-	**Section 1** Elective credit in Social Science 3 semester hours **Section 2** Elective Credit in History 3 semester hours

Awarding of this credit will be done automatically by the registrar and is contingent upon the student's successfully completing thirty (30) hours of credit at Centenary College. CLEP credit will not be awarded in any discipline in which the student has earned academic credit at, nor transferred to, Centenary. The CLEP-GE may not be repeated for credit.

B. Subject Examinations (SE)

1. Credit will be awarded to students who score at or above the 50th percentile on Subject Examinations approved by the department appropriate to the examination.
2. Specific course credit (course title and hours credit) will be awarded by the registrar after consultation with the appropriate departmental chairman.

Credit from all forms of non-traditional work—CLEP-GE, CLEP-SE, correspondence or extension courses, the Defense Association for Non-Traditional Educational Services of the armed forces, Advanced Placement, departmental proficiency examinations, military service experience and training, and all other—may not exceed forty hours, no more than twenty-four of which may be from any one of the categories listed above.

ADVANCED PLACEMENT

Centenary participates in the Advanced Placement program of the College Entrance Examination Board. Advanced Placement credit will not be given for scores below 3. The following departmental guidelines have been established:

Department	**A.P. Score**	**Credit Hours**	**Courses**
Biology	3	4	BIOL 101, 111
	4 or 5	8	BIOL 101, 111, 4 credits of elective 295
Chemistry	3, 4, or 5	8	CHEM 101, 111, 102, 112
English	4 or 5	3	ENGL 201 or English Elective
Foreign Languages*	3	8	FLNG 101, 102
	4 or 5	14	FLNG 101, 102, 201, 202
European History	4 or 5	3	HIST 203
U.S. History	4 or 5	6	HIST 205, 206
Mathematics	3	3	MATH 115
	4 or 5	6	MATH 115, 201
Physics and Engineering**	4 or 5 (mechanics)	4	PHYS 104, 114
	4 or 5 (electricity and magnetism)	4	PHYS 105, 115
Sociology	4 or 5	3	SOC 101

FOR FURTHER INFORMATION

Call the Office of Admission at 318/869-5131 or 1-800-234-4448 write to:

Dean of Enrollment Management
Office of Admission
Centenary College
P.O. Box 41188
Shreveport, Louisiana 71134-1188

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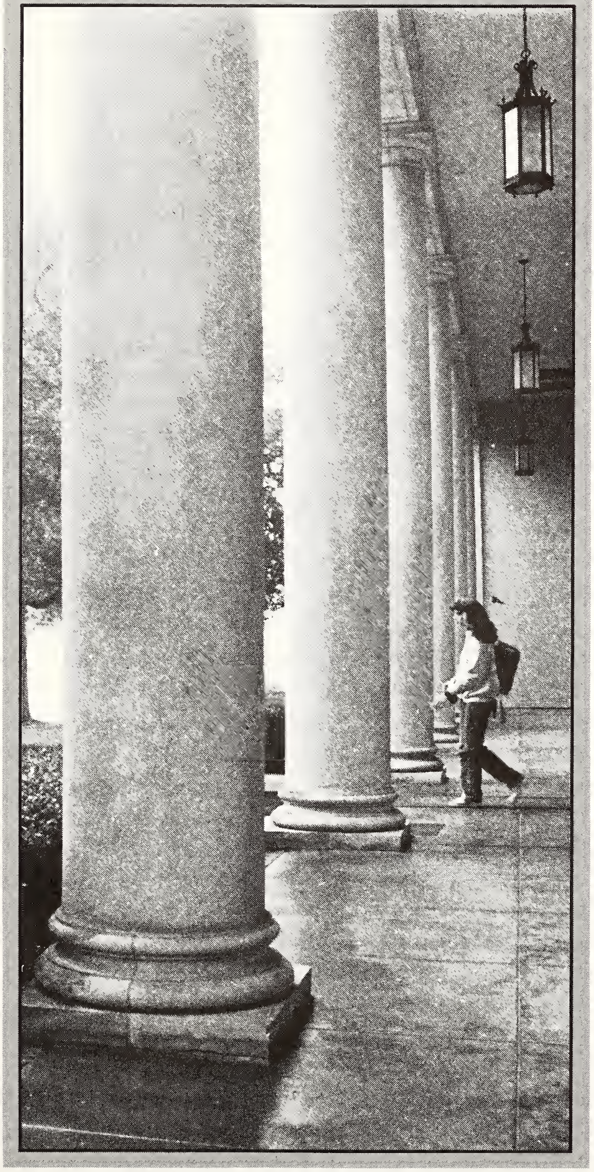
*Students with at least two years of a foreign language in high school or competent in a foreign language for other reasons are required to demonstrate their level of proficiency through examination prior to enrolling in a foreign-language course or during the first week of classes. See FOREIGN LANGUAGES.

**Only Advanced Placement TEST C will be accepted.

V

EXPENSES & FINANCIAL AID



Centenary College is a non-profit institution. The tuition, fees, and other charges paid by the student cover less than half the actual cost of the educational opportunity. The remainder of this cost is borne by income from endowments and from the generosity of friends of the College and of The United Methodist Church. In this way, the cost to the student is kept at the lowest possible amount consistent with adequate facilities and superior instruction. An excellent program of financial aid is available to worthy and needy students.

BASIC EXPENSES FOR 1993-1994 FALL AND SPRING SEMESTERS

These expenses total $5803.00 per semester (tuition, fees, room, and board). Books and personal expenses are additional.

Tuition:	$4,075.00 per semester
Student Fee:	$128.00 per semester

Includes fees for accident insurance, infirmary fee, newspaper, yearbook, and radio station)

Surcharge for the School of Music:	$100.00 per semester
Room:	Double: $700.00 per semester
	Single: $1,140.00 per semester

The charge for local telephone service is included in the room rate.

Board: 2/3	$900.00 per semester
Full	$1.010.00 per semester

The tuition and student fees apply to all registration in the normal full-time range of 12 to 18 hours and all graduating seniors, regardless of hours enrolled. Any registration for less or more than these limits is charged the tuition rate of $290.00 per semester hour.

This rate also applies to students in the evening classes offered by the College. Students taking fewer than 12 hours will pay a student fee of $30.00.

Expenses for Module (May 16-June 3)

Single Room and Board:	$430
Double Room and Board:	$385

Students must complete one Module course. Two Module courses may be accepted toward the 124 hours required for graduation.

EXPENSES FOR THE SUMMER SESSION (1993)

Tuition:	$240.00 per semester hour
Student Fee:	$30.00
Surcharge for the School of Music:	$100.00
Room:	Double: $440.00
	Single: $540.00
Board:	$540.00

The above room and board charges are for the full eight-week session. Charges for a four-week session are one-half of the amounts stated.

Normally, financial aid is not available for the summer session.

SPECIAL FEES

Other special and generally non-recurring fees are:

Application fee (non-refundable)	$30.00
Orientation fee (non-refundable)	(Fall) 40.00
	(Spring) 30.00
Enrollment change (per change)[1]	10.00
Graduation fee	25.00
Identification card replacement	5.00
Late registration fee	25.00
Parking fee for day students (yearly)	25.00
Room deposit and warranty (refundable, subject to damage charges)	60.00
Change of residence hall room (after the deadline date to add courses)	10.00
Student teaching fee	125.00
Transcript fee (first copy free)[2]	2.00

A laboratory fee of $35.00 per course hour is charged for each course requiring use of a laboratory, or materials and supplies, i.e., art and independent studies in art and the sciences. This fee does not cover charges for breakage.

A nominal charge may be levied for off-campus courses in physical education such as bowling and golf. These charges will be paid by the student directly to the off-campus parties levying the charge.

The tuition surcharge of $100.00 per semester for students in the School of Music curricula covers all applied music and instrumental rental fees. Non-music majors and part-time students who wish to register for applied music courses will pay $100.00 per applied area. The cost of books, music, and other supplies will vary with the student's curriculum. In most cases the annual expense will be approximately $600.00.

The course offerings, rules, regulations and fees appearing in this catalogue are announcements. They are not to be construed as representing contractual obligations of Centenary College, which reserves the right to change its courses of instruction, fees, charges for room and board, and general and academic regulations without notice should circumstances warrant in the judgment of the College.

PAYMENT OF FEES

Matriculation in the College is an implied contract by which the student accepts all regulations of the College, including those governing payment and refunds. Charges are made by the semester, and they are payable by the semester. Payment of semester charges, or arranging to pay them, is a part of the registration process. Enrollment has not been completed until the student has paid the fees or has made satisfactory arrangement with the business office manager. Students who are more than ten days delinquent in payment of any fees may be suspended from the College. No grade reports or transcripts will be issued until all financial obligations to the College have been met.

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[1] No charges first 5 days of classes of a semester.

[2] Transcripts are not issued during first two weeks of a semester.

There are several acceptable methods of payment:

1. The entire account may be paid on registration.
2a. One-half of the charge must be paid on registration and the balance 30 days after registration. This arrangement must be approved by the business office manager on or before registration. There is a charge of $20 for this method of payment.
2b. One-half of the charge must be paid on registration and the balance in two equal installments, one due October 1 or February 1 and the other due November 1 or March 1. This arrangement must be approved by the business office manager on or before registration. There is a charge of $35 for this method of payment.
2c. To meet the additional cost of bookkeeping, postage, and collecting, a late charge will be made when accounts are not paid on the day they are due. A five (5)working-day grace period will be allowed from the day a payment is due. At the end of the grace period, all accounts that are then past due will be assessed a $15 late charge.
3. For each summer session, the entire amount is payable on registration, or the student must pay half on registration and the balance within 10 days of the session. There is a charge of $20 for this latter method. The late charge policy outlined in 2c above on nonpayment at due date will apply.
4. The student must satisfy all financial obligations to the College in order to participate in the College commencement and baccalaureate ceremonies.

WITHDRAWALS AND REFUNDS

Failure to attend classes does not constitute a withdrawal. Official withdrawal is the date the student receives the approval of the Dean of the College to withdraw, and all refunds are based on that date, regardless of the date of last attendance. In addition, there are academic penalties for failure to complete the proper procedures; for these, see page 54.

Prior to obtaining a withdrawal form, students receiving financial aid should consult the Financial Aid Director. A withdrawal form, available at the Office of the Dean of the College, must be filed immediately by a student who withdraws from the College after he or she has registered for classes in a regular session, summer session, or module. The completed form bearing the proper signatures must be filed at the Office of the Registrar.

Fall and spring semester tuition and refundable fees are refunded if the student withdraws on or before the fifth class day after registration. A service charge of $25 will be made for withdrawal even if the student does not attend class. After the fifth class day, the following policy applies:

1. All fees are charged.
2. Between the sixth day of classes and the third Friday after classes begin, three-fourths of tuition is refunded.
3. Between the third Friday and fifth Friday after classes begin, one-half of the tuition is refunded.
4. After the fifth Friday of classes, no refunds are given.

ROOM AND BOARD REFUND

1. Room rent cannot be refunded regardless of date of withdrawal.
2. Board for that part of the semester which has not been used will be refunded regardless of the date of the official withdrawal.
3. Students who are separated from the College as the result of disciplinary action forfeit all refund rights.

SUMMER SESSION WITHDRAWAL AND REFUNDS

Summer session tuition and refundable fees are refunded if the student withdraws on or before the first Friday of classes. A service charge of $25 will be made for withdrawal even if the student does not attend class. After the first Friday of classes, the following policy applies:

1. All fees are charged.
2. Between the first Friday of classes and the second Friday of classes for eight-week courses, half of the tuition is refunded.
3. After the second Friday of classes for eight-week courses, no refunds are given.
4. After the first Friday of classes for four-week courses, no refunds are given.

SUMMER SCHOOL ROOM AND BOARD REFUND

1. Room rent cannot be refunded regardless of date of withdrawal.
2. Board for that part of the semester or summer session which has not been used will be refunded.
3. Students who are separated from the College as the result of disciplinary action forfeit all refund rights.

REFUNDS OF FEDERAL PROGRAMS

Refunds of federal programs are distributed back to the various programs in the following order, up to the full amount received from each program for the semester: SLS (Supplemental Student Loan); Stafford Student Loan; Federal Perkins Loan Program; SEOG (Supplemental Educational Opportunity Grant); SSIG (State Student Incentive Grant); PELL Grant; PLUS Loan (Parent Loan).

DROPPING COURSES

Non-attendance of class does not constitute a drop. A prorated refund will be given for courses dropped based on the above policy.

STUDENT FINANCIAL AID

FINANCIAL ASSISTANCE

Centenary College offers financial aid to help students meet their educational expenses. Centenary's program is supported by Federal and State funds, as well as by the College's own resources. The aid programs, policies, and procedures are described in detail in a financial aid brochure available upon request from the Office of Financial Aid.

At Centenary most assistance is awarded on the basis of financial need, but significant amounts are awarded on the basis of scholarship, leadership, athletic ability, talent, or career plans. Application for the financial aid should be made through the Office of Financial Aid, whose primary objective is to arrange for a grant, scholarship, loan, or employment, or a combination of these for which a student is eligible. Applicants for aid based on financial need must submit the financial information necessary to determine the assistance for which the student is eligible. Appropriate forms may be obtained from high school guidance offices or from the financial aid office at any college or university.

Through generous gifts by friends of the College, a number of scholarships have been established. Although these funds are applied in accordance with the terms of each gift, some general policies may be noted. Four-year academic scholarships are automatically renewed each year if the student has maintained the required grade point average. Other scholarships are awarded for one year but may be renewed if the student reapplies and continues to meet the specific guidelines.

Loans and work are the only forms of financial assistance available for use in summer school. Centenary scholarships are not available in the summer.

Satisfactory academic progress is required to maintain eligibility for all aid programs. See the next section for the Satisfactory Academic Progress Guidelines.

Aid based upon financial need may not be awarded in excess of the amount the student needs for education expenses. No Centenary scholarship or grant, or combination of grants which includes one from Centenary, can exceed the comprehensive costs for resident students. Normally, none will exceed tuition and fees for a commuting student. If a student's need is greater than these limits, the need may be met with a loan or work award.

The person designated by Centenary to provide financial information to students is the Director of Financial Aid. The Financial Aid Office is located in Hamilton Hall, Room 119. Office hours are 8:00 to 4:30 Monday thru Friday. Appointments are suggested but not required. The telephone number is (318) 869-5137.

To be considered for financial aid at Centenary College, a student must complete the following steps:

1. have applied for admission to Centenary College;
2. submit a Centenary College Financial Aid Application to the Office of Financial Aid;
3. submit the FAFSA along with the FAF to the College Scholarship Service (CSS); both forms must be filed to be considered for a combination of federal and institutional aid.

When the student has been accepted for admission and the above steps completed, a student will be considered for all financial aid sources available at Centenary College. Priority will be given to students who have completed these steps and submitted all requested information by March 15 prior to the academic year for which aid is desired. After this date consideration will be on a "first come, first served" basis.

SPECIAL NOTE: All financial aid awards are made for just one year at a time. Returning students must complete steps 2 and 3, listed above, each spring prior to the next academic year for which aid is desired. Failure to complete these steps by March 15 could result in a reduction or denial of financial aid for the next academic year.

SATISFACTORY ACADEMIC PROGRESS GUIDELINES

A. Undergraduate—full-time. All full-time undergraduate students receiving financial aid are subject to the following minimum academic requirements. It should be noted, however, that undergraduate full-time students are expected to complete their degree programs in eight semesters.

Semesters Completed	1	2	3	4	5	6	7	8
Minimum No. of Credit Hours Completed	12	24	36	48	60	72	84	96
Current or Cumulative GPA	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0

NOTE: Transfer students must achieve a minimum 1.5 grade point average in their first semester at Centenary and thereafter meet the minimum academic requirements.

B. Undergraduate—part-time. Undergraduate part-time students are expected to complete at least fifteen credit hours per academic year. These students may receive financial aid for twelve semesters.

Semesters Completed	1	2	3	4	5	6	7	8	9	10	11	12
Minimum No. of Credit Hours Completed	6	15	21	30	36	45	51	60	66	75	81	90
Current or Cumulative GPA	1.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

C. Graduate—Master of Education or Geology. In order to receive benefits under the Stafford or SLS Student Loan programs, a graduate student in the Master of Education or Geology program must be enrolled in and complete at least six credit hours per semester (fall and spring terms) or three credit hours per summer session (for a total of six credit hours during the summer). These students may receive financial aid for six semesters.

D. Graduate—Master of Business Administration. In order to receive benefits under the Stafford or SLS Student Loan programs, a graduate student in the Master of Business Administration program must be enrolled in and complete at least two ten-week courses per regular academic semester. (That is, at least two courses between August and December and between January and May. Special provisions will be made for those students enrolled during the summer months.) These students may receive aid for the equivalent of six semesters.

E. Failure to maintain satisfactory progress. If, as a result of (1) poor grades; (2) course incompletes; and/or (3) withdrawals, a student fails to earn the minimum grade point average or the required number of credit hours, that student will be placed in a "grace" period for one semester. If at the end of that period, the student has not completed the necessary number of hours for the current semester enrolled with the minimum grade point average, then that student will no longer be eligible to receive financial aid. If the student does achieve the necessary hours and grade point average at the end of the "grace" semester, the student will continue to be eligible to receive financial aid.

F. Students who re-enroll at Centenary College after academic suspension will not be eligible for financial aid for that semester.

G. Appeals and reinstatement of financial aid eligibility. Students may have legitimate reasons for not maintaining satisfactory progress or not completing their degrees in the number of semesters required. In these cases, students may petition the Scholarships and Financial Aid Committee to continue to receive financial aid.

1. The student petition and the decision of the Committee will be in writing and will become a permanent part of the student's file. If a student petition is approved, the Financial Aid Office will revise or update the number of credit hours to be completed during each successive semester for that individual student.
2. In cases where no appeal is made or where the student petition is denied, the student will be eligible for financial aid only after the semester during which satisfactory academic progress has been regained.

CENTENARY COLLEGE GRANTS AND SCHOLARSHIPS

Alumni Scholarship. A full-tuition scholarship awarded to students who demonstrate exceptional academic and leadership potential. To be considered a student must have a cumulative grade point average of at least a 3.5 on a 4.0 scale, as determined by the Centenary Admission Office.

Trustee Scholarship. A $6,150 scholarship awarded to students who demonstrate exceptional academic potential. To be considered a student must have a cumulative grade point average of at least a 3.5 on a 4.0 scale, as determined by the Centenary Admission Office.

President's Scholarship. A $4,100 scholarship awarded to students who demonstrate outstanding academic potential. To be considered a student must have a cumulative grade point average of at least a 3.0 on a 4.0 scale, as determined by the Centenary Admission Office.

Dean's Scholarship. A $2,050 scholarship awarded to students who demonstrate above average academic potential. To be considered a student must have a cumulative grade point average of at least a 3.0 on a 4.0 scale, as determined by the Centenary Admission Office.

Hurley School of Music Scholarship. For students majoring in music or participating in one of the music ensembles. Recipients are selected by the School of Music after an audition.

Choir Scholarship. For members of the Centenary College Choir. Recipients are selected by the Director of the Choir.

Church Careers Scholarship. For students who are accepted into the Centenary School of Church Careers program.

Resident Assistant Grant. Stipend for selected upperclassmen.

ATHLETIC GRANTS

Athletic Grants-In-Aid are available in the following sports:

Men's—basketball, baseball, golf, tennis, cross country, soccer, riflery.

Women's—tennis, cross country, riflery, gymnastics, soccer, softball, volleyball.

Application should be made through the athletic department.

PERMANENT SCHOLARSHIPS

Agnes A. Allen Church Careers Scholarship. For a worthy student in the Centenary School of Church Careers.

Grace Mimms Allums - Mary Mims Scholarship. For an entering freshman who has demonstrated scholarship and Christian leadership.

Altrusa Club of Shreveport Scholarship. For worthy students in need who are residents of Louisiana.

Alumni - Classes of 1930-35 - Endowed Scholarship. No restrictions.

Alumni - The Class of 1936's Anniversary Endowed Scholarship. No restrictions.

Alumni - Class of 1937's Anniversary Endowed Scholarship. No restrictions.

Alumni - Class of 1938's Anniversary Endowed Scholarship. No restrictions.

Alumni - Class of 1939's Anniversary Endowed Scholarship. No restrictions.

Alumni - Class of 1940's Golden Anniversary Endowed Scholarship. No restrictions.

Alumni - Class of 1941's Golden Anniversary Endowed Scholarship. No restrictions.

Amite United Methodist Church Scholarship. For a student from the Amite UMC, Amite area or the North Shore District of the United Methodist Conference.

Ark-La-Tex Landmen's Association Scholarship. For a worthy student in the Petroleum Land Management program.

Ark-La-Tex Drilling Association Scholarship. For an outstanding student majoring in Geology or Petroleum Land Management. A 3.0 GPA must be maintained.

Army ROTC Scholarships. For sophomores or juniors with high academic achievement and leadership ability. (Based on competition).

John B. Atkins, Jr., Memorial Scholarship. For a pre-med student with a high school average of 3.85 or better and in need of financial assistance.

Douglas Attaway Memorial Scholarship. For a student who shows a need. Special preference given to journalism students.

Callie Ann Cogdell Avery Scholarship. For an outstanding Methodist ministerial student in need of financial assistance.

Mary Susan Bailey Scholarship. For worthy students in need of financial assistance.

Azalea Estella Baird Memorial Scholarship Fund. To aid students in art studies.

William Russell Barrow Memorial Endowed Scholarship. Awarded to a Trustee Scholar.

First United Methodist Church of Bastrop Scholarship. For a student from the First United Methodist Church of Bastrop.

M. L. Bath-Rotary International Scholarship. Offered annually to a worthy foreign student who desires to study in this country.

Susan R. Bauguss Scholarship. For deserving women students.

The Rev. and Mrs. James L. Beasley Scholarship. For a student in the Department of Religion.

Luther and Marie Beene Scholarship. Restricted to students majoring in voice.

The Paul and Myrtle Bender Memorial Scholarship Fund. For an outstanding senior/junior majoring in one of the physical sciences or mathematics.

John Henry and Mattie Hunt Blakemore Endowed Scholarship. No restrictions.

Jack and Laura Lee Blanton (Lon Morris-Centenary Scholarship Program).For transfer students from Lon Morris enrolling in the CSCC program. Selection is based primarily on academic achievement and partially on financial need.

Dr. Henry C. Blount Scholarship. For a U.S. citizen with preference for a Louisiana native.

Beverly E. Bond Memorial Scholarship, Jefferson United Methodist Church. For worthy students planning a Christian vocation.

Luci Bond Performing Arts Scholarship. For a worthy student in music, theatre, or dance. Endowed.

Joseph B. Bramlette Scholarship Fund. For an outstanding student majoring in English.

Broadmoor UMC/BR Fellowship Class. First preference to a Broadmoor ministerial student. Second preference to a needy ministerial student.

Broadmoor United Methodist Church of Baton Rouge Mustard Seed Sunday School Class Memorial Scholarship. For a student from Broadmoor UMC/Baton Rouge, or a student in the Church Careers program.

Frederick Victor Brook Endowed Scholarship Fund. For a worthy student.

Don Brown Memorial Scholarship. For a student of ability majoring in art, and in need of financial assistance.

Paul Marvin, Jr. and Willie Cavett Brown Scholarship. For worthy students in need of financial assistance.

Shannon Brown Memorial Endowed Choir Scholarship. For a member of the Centenary Choir with a need.

Former Employees of Brown-Roberts Endowed Scholarship. For a student in the Centenary School of Church Careers.

Harvey Broyles Endowed Scholarship. For a student in need of financial assistance who works part-time during the semester.

Harvey and Alberta Broyles Centenary College Choir Endowed Scholarship Fund. For worthy members of the choir.

Burkhalter Scholarship. For a worthy student majoring in geology.

William T. and Ethel L. Burton Foundation. For a worthy student.

Eloise Bell Campbell Scholarship. Preference given to male pre-med majors.

Canterbury/Vardeman Scholarship. For a male basketball player who has completed athletic eligibility and who can complete academic requirements in the summer and succeeding year.

Martha Cappel Memorial Scholarship. For outstanding students in financial need.

Dr. Virginia Carlton Math Scholarship. For a freshman who excels in mathematics.

Frank Carroll Memorial Scholarship. For a senior music major. (Based on merit).

Nancy Carruth Scholarship. For a worthy student from Central Louisiana.

Bill Causey, Sr., Scholarship. For a trumpet player who is a member of the Centenary band.

Centenary Women's Club Annual Scholarship. For an outstanding student in need of financial assistance. Recipient must maintain a 3.0 grade point.

Centenary Women's Club Endowed Scholarship. For an outstanding student in need of financial assistance. Recipient must maintain a 3.0 grade point.

Central State Life Insurance Company Endowed Scholarship Fund. For the children of employees of Central State Life Insurance Company.

Century Cellunet Scholarship for Basketball. Awarded to a basketball player selected by the Centenary Athletic Department.

Chemistry Department Scholarship. For outstanding chemistry majors.

Nancy M. Christian Endowed Scholarship Fund. For a qualified student.

T. C. and L. C. Clanton Memorial Scholarship. For an outstanding ministerial student scholastically worthy and in need of financial assistance.

Commercial National Bank Scholarship. For children of employees of the Commercial National Bank of Shreveport.

Sidney E. Cook Endowed Memorial Scholarship Fund. For students with at least a GPA of 3.0 working toward degrees in business administration, pre-law or pre-med.

R. Leonard Cooke Scholarship. For a Methodist student who is studying for ministry. A 3.0 GPA must be maintained.

Clarence Coon Scholarship. For students of high academic standing enrolled in the journalism program and majoring in English.

Willard Cooper Endowed Scholarship for Art. For art supplies for an upperclass art major; awarded at the discretion of the art department chairperson.

Dennis E. and Rosa M. Crouch Memorial Endowed Scholarship. To aid a worthy student in need of financial assistance.

Daughenbaugh-Matheny Scholarship. For students interested in careers in Christian education and full-time Christian service.

Bryant Davidson Memorial Scholarship. Preference given to needy student interested in philosophy.

J. A. Davis Scholarship. For worthy students in need of financial assistance who rank high scholastically.

Jane A. Davies Memorial Endowed Scholarship. Member of Church Careers Program.

James F. and Georgia T. Dean Endowed Scholarship in honor of Dr. Mary Warters and in memory of Dr. John B. Entrikin. Preference given to biology and/or chemistry majors.

Desk and Derrick Club Scholarship. For a deserving student majoring in geology.

Walter L. Dobie and Ruth Dobie Scholarship. For a needy student who shows promise of academic success and whose social and academic behavior are acceptable. The recipient should plan to set up his/her own scholarship fund following graduation.

Marlin Drake Scholarship. For a worthy student.

Lonnie S. Dyess, Sr., Memorial Scholarship. For a history major with at least a 3.0 GPA.

Marguerite Herries Edwards Memorial Scholarship. For worthy students who study a foreign language as an enhancement to their regular course of study.

Mr. and Mrs. Robert Eggerton Scholarship. For a worthy student.

Howard M. Elder Memorial Scholarship. For an entering freshman student affiliated with the Methodist Church. Preference given to education majors.

John B. Entrikin Scholarship. For a promising junior or senior majoring in chemistry with need for financial assistance.

Executive Women International Scholarship. For a female business major.

Hazel and Claude Fendlason Scholarship Fund. For students selected by St. John's United Methodist Church, Baton Rouge.

Ernest and Grace Ferguson Scholarship. For worthy students in need of financial assistance.

First United Methodist Church of Lake Charles Scholarship. For students accepted into the Centenary School of Church Careers. Preference given to members of First UMC, Lake Charles.

First United Methodist Church of Minden Scholarship. For worthy students from First UMC of Minden interested in Christian ministry and Christian education.

Margaret W. Flournoy Scholarship. For worthy students in need of financial assistance.

Dr. Elmer Lee and Mrs. Eva E. Ford Scholarship. For an outstanding student majoring in French.

Dr. A. M. Freeman Scholarship. For a worthy black student in need of financial assistance.

Katherine J. French Memorial Scholarship. For a woman student of outstanding ability, majoring in English and intending to teach.

James Hill Fullilove Memorial Scholarship. For ministerial students in need of financial assistance.

Garber Scholarship. For a worthy student in the field of music.

Daisie Dell Garber Scholarship. For students entering varying fields of church service.

Don Garner Memorial Endowed Scholarship. For a student in the choir with a financial need.

E. B. Germany Scholarship. For worthy students in need of financial assistance.

Billy T. and Shirley J. Giles Endowed Scholarship. For a worthy freshman entering the Centenary School of Church Careers.

Jeffery Lane Goodson Memorial Scholarship. For a geology undergraduate or graduate student in need of financial assistance.

Audrey Gordon Endowed Scholarship. For a needy student majoring in education.

Randy Greve Memorial Scholarship. For a student of high scholastic standing in need of financial assistance.

Adell Biedenharn Gwinn Scholarship. For worthy and needy students.

Dr. Robert N. Hallquist Memorial Scholarship. For a student studying to be a teacher.

Mr. and Mrs. D.P. Hamilton Scholarship. For worthy students majoring in science in need of financial assistance.

Lester Harford Hammond, Jr., Memorial Tennis Scholarship. For a freshman or sophomore student.

Dean Hardin Memorial Scholarship. For worthy students in need of financial assistance.

Quintin T. Hardtner, Jr., Memorial Endowed Scholarship for Presidential Scholars.

Reginald H. Hargrove Memorial Scholarship. For a scholastically outstanding student in financial need.

Frances Andrews Harkrider Memorial Scholarship Fund. For worthy students in need of financial assistance.

Harman Memorial Scholarship. For students of high scholastic standing in need of financial aid.

Marie Harper Endowed Scholarship. For a student in the Centenary School of Church Careers.

Harrison Scholarship for Centenary College's British Studies at Oxford. Supports a student in English for the six-week summer program. The recipient must be an English major and be an outstanding student whose participation would enhance the Oxford experience for all present. Also, the student must have need and who otherwise could not attend.

Mr. O. D. Harrison Scholarship Fund. For a worthy student.

Harrison-Malloy Scholarship. For a needy student.

Hart-Lawrence/Vivian United Methodist Scholarship Fund. For a worthy student in Christian Education.

Shirley Hawn Music Scholarship. For a graduating high school senior who is outstanding in music and in financial need.

Verne Hawn Art Scholarship. For a promising incoming freshman majoring in art.

Ricky Hayes Memorial Endowed Scholarship. For a graduate of a Beauregard Parish high school.

Hearst Minority Scholarship Fund. For Black and/or Hispanic minorities who, without assistance, would be unable to attend Centenary.

Dorothy Ruth S. Heller Memorial Scholarship Fund. For students of high scholastic standing in need of financial assistance.

William J. Henning Family Scholarship. For a church-careers or religion student.

Hibernia National Bank Endowed Scholarship. For a worthy student from Shreveport-Bossier majoring in business.

Margaret Hope Hickman Endowed Memorial Scholarship Fund. For a worthy student-non-athlete.

Elizabeth K. Hicks Memorial Endowed Scholarship. For a Dean's Scholarship for a student with an ACT composite of 24 or SAT composite of 1100 and a cumulative GPA of 3.0.

Mamie B. Hicks Scholarship. For piano students preferably from North Louisiana.

David Franklin Hinton Memorial Scholarship. For an outstanding student majoring in biology or another pre-med subject.

J. T. Hitchcock Memorial Scholarship Fund. For a student majoring in mathematics or in the 3-2 computer science program with a GPA of 3.0 or better.

A. J. and Nona Trigg Hodges Scholarship. For members of the Centenary College Choir.

Holiday-In-Dixie Diplomats Scholarship. Business major from the Caddo- Donna Lou Valliere Horn Endowed Scholarship. For a student in Elementary Education.

Amanda Howell Memorial Scholarship. For needy students of high scholastic standing.

Elizabeth Pettet Hughes Endowed Memorial Scholarship in Education. Yearly scholarship to a student wanting to teach and majoring in education.

Ed E. and Gladys Hurley Scholarship. For worthy students in need of financial assistance, awarded by the Dean of the School of Music.

Charles Moore Hutchinson Memorial Scholarship. For students in need of financial assistance.

Mildred and John H. Johnson, Jr. Endowed Scholarship Fund. For worthy students.

Jesse H. and Mary Gibbs Jones Scholarship. For worthy students in need of financial assistance.

Joseph H. and Julia B. Jordan Scholarship. For students of high scholastic standing in need of financial assistance, with preference given to ministerial students.

Lonnie B. and Nellie P. Kilpatrick Memorial Scholarship. For assistance to worthy students; first consideration being given to members of the families of employees of Kilpatrick Life Insurance Company of Louisiana and Kilpatrick's Rose-Neath Funeral Home, Inc.

Kirsch-McCarter Scholarship. For a worthy student.

Retha Ransdell Labry Scholarship. For an outstanding English scholar.

Lakeview United Methodist Church of Minden Scholarship. For a student from Lakeview UMC/Minden, or the Minden area.

Joe O. and Edwin R. Lambert Memorial Scholarship. For ministerial students in need of financial assistance.

Virginia Davis Laskey Endowed Scholarship Fund. For students deserving of a President's Scholarship.

A. McIntyre and Katherine S. Leary Endowed Scholarship Fund. For worthy students.

Philip Lieber-First Federal Savings and Loan Association Scholarship. For students majoring in economics or business with high scholastic achievement.

Lisbon United Methodist Church Scholarship Fund. For a pre-ministerial student or one entering full-time Christian service.

Eugene S. Lohrke Memorial Endowed Scholarship. A scholarship for work in The United Methodist Church, particularly the ministry.

Allena Longfellow Endowed Memorial Scholarship. For students enrolled in the Church Careers program.

J. C. Love Memorial Scholarship. Four full-tuition scholarships for outstanding dependents of United Methodist Ministers of the Louisiana Conference.

Walter M. Lowrey Memorial Scholarship Fund. For students from the Mansfield area.

Walter M. Lowrey Pre-Law Scholarship. For a pre-law student (any major).

Lund Choir. For students in the Centenary Choir.

Lund Church Careers. For students in the Church Careers Program.

Albert S. Lutz, Jr. Memorial Endowed Scholarship. For a student in the Centenary College School of Church Careers.

Helen and Mark C. Magers Scholarship. For worthy students in need of financial assistance, with first preference given to Methodist ministerial students.

Dr. and Mrs. Paul Michael Mann Scholarship. For a worthy student.

Paul and Louise Mann Scholarship. Full support for four years for a pre-med or pre-theology major with a 3.75 high school GPA, minimum SAT composite of 1150 (ACT of 25), who demonstrates financial need and maintains a 3.25 GPA at Centenary.

Mansfield/Grand Cane First United Methodist Church Scholarship. For a student from the Mansfield-Grand Cane UMCor a worthy student from the Mansfield area.

McCoy Scholarship. For a worthy student of academic promise.

Paul McDonald Endowed Scholarship Fund. For worthy students.

Doug McGuire Scholarship. For a student from Faith UMC, West Monroe, La., or from local area. Recipient should work toward church related degree.

Agnes Ruth McLean Memorial Endowed Scholarship. For students in advanced levels of the Church Careers program having an excellent academic record.

Ella Nita McMichael Endowed Memorial Scholarship in Church Careers. For general scholarships for Church Careers majors.

Bruce McMillan, Jr., Foundation Scholarship. For full-time students in need of financial assistance with high scholastic achievement.

May Meadows Ministerial Scholarship. For worthy ministerial students of high scholastic standing, first consideration given to students from the Ruston District.

E.W. Merritt Geology Scholarship Fund. For a worthy student in the Geology graduate program.

Joe and Maida Mickle Memorial Scholarship Fund. For worthy students.

The Reverend Jack Midyett Scholarship. For a student from First United Methodist Church of Bossier City or from the Louisiana Conference of the United Methodist Church planning to enter the School of Church Careers.

Richard Alan Millar Scholarship. For worthy students in need of financial assistance.

Hattie Lee Monkhouse Mellor Memorial Scholarship. For residents of Louisiana who maintain a "B" average and need financial assistance.

Howard Moore Family Scholarship. For a student from Noel Methodist Church in Shreveport or a member of Kappa Sigma Fraternity. Recipients must maintain a 2.5 GPA.

Gwen Murphy Choir Scholarship Fund. To a member of the Choir based on talent and need.

Louis Leon Noel Trust Scholarship. For students preparing for ministry or religious education.

Oak Grove United Methodist Church Scholarship. For a Methodist student from the Oak Grove UMC, or Ruston District of the Louisiana United Methodist Conference.

John G. O'Brien Scholarship. For worthy students.

Mae B. O'Brien Scholarship. For a worthy student in the field of music, awarded by the Dean of the School of Music.

Ray Oden, Sr. Scholarship. For worthy students.

Jessie W. and Wanda Outlaw Endowed Scholarship. Awarded to an English major or a business major with a GPA of 3.0 or higher.

Koy Pace Memorial Scholarship. For a single parent attending school.

Palestine United Methodist Men Scholarship. For a student with need whose major course of study is in the Church Careers program.

Penzoil Scholarship. For a student majoring in chemistry. Selected by the chairperson of the department.

Winifred Boles Peters Scholarship. For a worthy student with first preference to a student in the arts.

Melanie Jean Perot Memorial Scholarship. For a woman student who is working her way through college and is in need of financial assistance.

Thomas B. Peyton III Memorial Scholarship. For a needy student of high academic standing, interested in art and religion.

William G. Phelps Memorial Scholarship. For a worthy student in need of financial assistance. Preference given to members of the Shreveport Broadmoor Methodist Church.

Leon J. and Artie L. Phillips Endowed Scholarship Fund. For students pursuing degrees in business administration, pre-law or pre-medicine with a 3.0 GPA.

Pineville United Methodist Church Scholarship. For worthy students.

Louis Henry Pirkle, M.D., Scholarship. For a deserving pre-med student.

George W. Pirtle Geology Scholarship. For an outstanding geology student from Louisiana or East Texas.

Dr. W. Ferrell Pledger Honor Award in Sociology. Graduating senior who is a sociology major with highest academic average.

Annie B. Pomeroy Memorial Scholarship. For a student from Westlake United Methodist Church of Lake Charles, or a student from the Lake Charles District, or a worthy student. A GPA of 2.0 must be maintained.

G. W. Pomeroy Scholarship. For worthy students in need of financial assistance.

Webb D. Pomeroy Memorial Endowed Scholarship for Ministerial Students.For students in good standing, preferably from Louisiana, studying for the ministry. Awarded by the chairman of the Religion Department in conjunction with the Director of Financial Aid.

Ponchatoula First United Methodist Church Scholarship. For a student selected by the church.

Rupert and Lillian Radford Endowed Scholarship. Awarded to students meeting requirements of a Dean's Scholarship.

Betty and Cecil Ramey Scholarship. For pre-law students who maintain the required scholastic averages.

Rayne Memorial United Methodist Loan and Scholarship Fund.

The Reader's Digest Foundation Scholarship. For worthy students in need of financial assistance.

Bell Ringgold Memorial Scholarship. For Louisiana students training to become teachers, with preference to students from Caddo Parish.

Minnie K. Ringgold Memorial Scholarship. For a student in the School of Music in need of financial assistance.

Stephen Francis Robinson Scholarship. For a worthy student enrolled in at least one course in either mathematics, foreign language, music, or religion.

Charles Rollins-Bentley Sloane Four-Square Bible Class Scholarship. For students in the Centenary School of Church Careers.

Peggy Rountree Memorial Scholarship. For an outstanding student in need of financial assistance.

Clyde and Estelle Sanders Endowed Scholarship. Academic record of 3.5 GPA and 30 ACT score.

Jesse L. Saxon Memorial Endowed Scholarship for Church Careers. For a student in the Church Careers program.

Wilfred K. Scroggin Education Fund. For a ministerial student.

Selber Brothers Scholarship. For a student of high scholastic standing studying toward a baccalaureate degree in business.

Fariebee Parker Self Mathematics Scholarship. For a student majoring in and planning to teach mathematics.

J. C. Sensintaffar Memorial Scholarship. For students from specified districts of the Louisiana Methodist Conference.

Lucille Sexton Sunday School Class - In Memory of La Trelle Shipley Billeiter. For a qualified female music major.

Shreveport First United Methodist Church/United Methodist Women Scholarship. For C.S.C.C. students.

Shreveport Geological Society Scholarship. For an outstanding geology student.

Dr. Henry M. Shuey Memorial Scholarship. For an American-born junior or senior majoring in chemistry, physics, or math.

Rebecca Lynn Simmering Memorial Scholarship. For a female student in the Centenary School of Church Careers.

Noel T. and Sara Simmonds Endowed Scholarship. For incoming freshman entering the Centenary School of Church Careers.

Curtis D. Sims Memorial Endowed Scholarship. To a worthy student in the Church Careers program.

Joseph Eldred Slattery, Jr., Scholarship Fund. Preference given to a graduate of Loyola.

Dr. Bentley Sloane Endowed Scholarship. No restrictions.

Graydon F. Smart Endowed Memorial Scholarship. For a student in the field of communications.

Dean R. E. Smith Discretionary Fund. The income from the principal shall be used as an emergency discretionary fund by the President with first priority being given to students in the Centenary School of Church Careers. If the money is not used, either all or part of it, in a given year, then it shall be awarded as a scholarship for the following year to an outstanding student in the School of Church Careers.

R. E. Smith Award and Scholarship Fund. For an outstanding ministerial student.

Stephen Wailes and Ellen Griffing Smith Scholarship. For a student of their choice.

John W. Speir Memorial Scholarship Fund. For worthy students in need of financial assistance.

Frank Palmer Spessard Endowed Scholarship. For an outstanding student in chemistry.

J. B. Stafford Scholarship. For a Church Careers student with a 3.0 GPA.

Mary Morel and Jacques Napier Steinau Memorial Scholarships. For two worthy students.

Helen and Henry Stertz Music Scholarships. For a senior music major.

Stewart Memorial Scholarship. For ministerial students.

Annie Lowe Stiles Scholarships. Funded by the Community Foundation of Shreveport-Bossier. For qualified and deserving students in need of financial assistance.

Jack I. Stinson Memorial Scholarship. For a worthy student, with preference given to a business major.

St. Paul's United Methodist Church of Monroe Scholarship. For worthy students from St. Paul's UMC of Monroe.

Mrs. Belmont Bonham Tanner Memorial Endowed Scholarship in Education. For a worthy student in Education of high scholarship and character.

Susan Tanner Endowed Memorial Scholarship in music. For a worthy music student of high scholarship and character.

Hope Pierce Tartt Scholarship Foundation. For residents of certain Texas counties.

Dr. and Mrs. B. C. Taylor Scholarship. For students of outstanding scholastic achievement and in need of financial assistance.

William C. Teague Scholarship in Organ. For a deserving student in organ.

R. L. "Bill" Terry Endowed Memorial Scholarship. For a full time non-< traditional student who maintains a 2.3 GPA.

Texas Eastern-McBride Endowed Scholarship Fund. Incoming freshman on basis of academic merit only student may receive the scholarship for four years as long as a 3.0 GPA is maintained.

Herbert & Grace Reynolds Thayer Scholarship. For a worthy student, especially in the field of church careers.

N. O. Thomas Scholarship. For a worthy student in the field of business or petroleum land management.

Trinity United Methodist Church of Ruston Scholarship. For worthy students from UMC of Ruston.

William Tyrrell Scholarship. For worthy students with preference given to Afro-American students and students who demonstrate academic potential.

Rosemarie Hicks Udick Memorial Scholarship. Preference given to worthy female graduates of Fair Park High School.

United Methodist Church Acadiana District Scholarship. For students accepted into the Centenary School of Church Careers from the Acadiana District.

United Methodist Church Baton Rouge District Scholarship. For a worthy student from the Baton Rouge District of the UMC.

United Methodist Church-Ruston District Scholarship. For worthy students from the Ruston District.

United Methodist Church-Shreveport District Scholarship. For United Methodist students who are studying for some form of Christian ministry.

United Methodist Church-Shreveport District Endowed Scholarship. For a child of a United Methodist minister from the Shreveport District.

United Methodist Scholarship. For active members of the United Methodist Church with high scholastic standing. A 3.0 grade point must be maintained.

Universal Oil Products Scholarship. For upper-division chemistry majors.

Bessye Cowden Ward Endowed Scholarship. For any expenses related to student costs without other restrictions.

John M. & Margaret J. Warren Ministerial Endowed Scholarship. For a student intending to enter the seminary and becoming a minister.

Don and Renee Webb Choir Scholarship. For a student in the College Choir.

E. Bernard Weiss Scholarship. For worthy students with preference given to pre-med students.

A. P. and Mary C. White Endowed Scholarship. For a worthy student in music.

Lettie Pate Whitehead Scholarship Fund. For poor and deserving Christian girls who are residents of Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, and Virginia.

The Louis and Emily Wile Memorial Scholarship Fund. For residents of Caddo, Bossier or DeSoto Parishes who show academic promise and demonstrate financial need.

Ann Margaret Wilhelm Scholarship. For a worthy student.

Therese Simon Willer Endowed Memorial Scholarship. For a worthy minority student.

Arthur R. and Evie Jo Wilson Church Careers Scholarship Fund. For a student in the Centenary School of Church Careers.

Mr. and Mrs. William C. Woolf Scholarship. For students majoring in geology.

Herbert and Helen Smith Wren Scholarship. For worthy students.

Clarence L. Yancey Memorial Scholarship. For a worthy student.

Katherine Yeldell Scholarship. For worthy students in need of finanicial assistance.

Hoyt and Penny Yokem Endowed Scholarship. For worthy students in need of financial assistance.

Youree Scholarship Fund. For worthy or needy students.

VETERANS' BENEFITS

Veterans must submit an original or certified copy of their discharge papers (DD-214) to the Financial Aid Office in order to begin the processing of the Veterans Administration paper work. Dependents of veterans who died as a result of service connected injury or illness, or dependents of 100% disabled veterans may also apply for Veterans Administration Educational benefits. A dependent should bring the parent's or spouse's Veterans Administration file number to the Financial Aid Office to apply for benefits. The Veterans Administration determines the amounts of the benefit and mails payment directly to the student. Students eligible for veterans benefits are responsible for reporting to the Financial Aid Office changes in address, changes in credit hour load, registration and courses for which the student already has credit, and withdrawal from the College.

ARMY R.O.T.C. SCHOLARSHIPS

The United States Army offers financial assistance to qualified students in the form of four-year, three-year, and two-year scholarships. These R.O.T.C. scholarships pay for college tuition, text books, laboratory fees, and other miscellaneous academic expenses. In addition, a scholarship student receives a tax free subsistence allowance of $100 monthly for up to ten months of each school year during which the scholarship is in effect. The four-year scholarships are awarded on the competitive basis to high school seniors who are about to enter college as freshmen. Any full time students at Centenary may apply to compete for the three-year and two-year scholarships. The key factors considered in the selection process for these scholarships include academic standing, leadership ability, and over-all motivation. There is no limit to the number of R.O.T.C. scholarships available at Centenary; chances of selection are very good for qualified students.

CAREER DEVELOPMENT

A number of part-time jobs for students are available on the campus. Application should be made to the Director of Financial Aid. The largest work program is known as College Work-Study. It is supported by Federal funds and provides assistance to students who have a documented need and meet all requirements for receiving Federal funds. A limited number of jobs are available without regard to financial need. The College also offers a job placement service for students who are seeking part-time jobs off campus. Opportunities range from bookkeeping to babysitting. Application should be made through the Career Center. Telephone: (318) 869-5042.

VOCATIONAL REHABILITATION GRANTS

These are made to students who are physically handicapped and would ordinarily be unable to hold exacting part-time jobs. Inquiries should be directed to the Vocational Rehabilitation Office.

STATE GRANTS

STATE STUDENT INCENTIVE GRANTS (SSIG)

These grants are available to students who are residents of Louisiana and the United States. Eligibility for SSIG will be based upon the student's academic records and financial need as determined through a federally approved needs analysis system. Students must be enrolled full time and be in good standing academically to qualify for the SSIG. High School graduates are required to have a (C) average in English, mathematics, social studies and science. Grants range from $200 to $1,500 per year. Application is made by completing the Financial Aid Form or other approved need analysis form and the Application for Financial Aid for Centenary College. These grants are limited due to a shortage in appropriated funds.

FEDERAL GRANTS

PELL GRANTS

Pell grants are awarded directly to students by the federal government. The amount for which a student is eligible is determined individually by the U.S. Department of Education. The maximum amount in 1993-1994 will be $2,300 per year. Students who have financial need and meet eligibility requirements can receive Pell Grants as long as they are making satisfactory academic progress toward their undergraduate degree. Application is made by completing the Free Application for Federal Student Aid (FAFSA). When the student has received his/her Student Aid Report (SAR), he or she should bring or mail it to the Office of Financial Aid where the value and details of the grant will be explained.

SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (SEOG)

The amount of financial assistance that students receive through a Supplemental Educational Opportunity Grant depends upon their need, taking into account their personal financial resources and those of their parents as compared to the cost of attending Centenary. To apply for this grant a student must complete the Free Application for Federal Student Aid (FAFSA).

STUDENT LOANS

FEDERAL PERKINS LOAN PROGRAM (formerly NDSL). This program provides loans for needy students who are or will be enrolled at least half time. A total of $15,000 may be borrowed by undergraduates but not more than $3,000 per year. Repayment at a 5% interest rate begins nine months after the student leaves college.

STAFFORD STUDENT LOANS (formerly GSL). This program allows freshmen to borrow as much as $2,625 per year, sophomores as much as $3,500 per year, and juniors and seniors as much as $5,500 per year from a participating bank or other financial institution. Repayment of principal and interest by the student begins six months after the student leaves school. A variable interest rate is used with a cap of 9%. Contact the Financial Aid Office for current eligibility requirements.

SUPPLEMENTAL LOAN FOR STUDENTS (SLS)/PARENT LOANS FOR UNDERGRADUATE STUDENTS (PLUS). This program provides loans ranging from $4,000 to cost of education at a rate of not more than 11% per annum. Eligibility is determined by the Financial Aid Office. Repayment begins 60 days after the disbursement of the loan. This loan is not based on financial need.

NON-NEED BASED STUDENT/PARENT LOANS. Loans available under certain conditions to those who do not qualify for need-based monies. See the Financial Aid Office for details.

UNITED METHODIST STUDENT LOANS. Members of the United Methodist Church may borrow $1,000 per academic year. Apply through the Centenary Financial Aid Office.

HURLEY FOUNDATION LOAN. Bona fide residents of Texas, Louisiana or Arkansas are qualified. Loans are for up to $1,000 per year at 4% interest. Application must be made by June 1.

TUITION PLAN, INCORPORATED. This program allows payment of tuition and fees on a monthly basis for up to four years. Information may be obtained by writing to the Tuition Plan, Incorporated, 57 Regional Drive, Concord, NH 03301.

ACADEMIC CHECKLIST

WHAT TO DO, WHEN

All Students: This catalogue is your academic bible; study it carefully.

Check the Academic Calendar carefully for cut-off dates of enrollment functions and due-dates.

Every time you change your adviser and/or major you must inform the registrar.

Read the section on withdrawal (pp. 32 and 54).

You must register for English 101-102 and Cultural Perspectives every semester until successfully completed; these courses may not be dropped.

Before dropping courses, be aware of full-time/part-time rules for financial aid and participation in college activities.

Check course descriptions for prerequisites, and study "Course Sequence" (p. 55).

Before taking courses elsewhere, be aware of the general rules for transfer: Courses with a grade of C or above will usually transfer if Centenary has a department in that field. However, check with the Registrar for mathematics equivalencies, and when there is any doubt in your mind.

Freshmen

Study the ***Centenary College Student Handbook*** and Honor Code carefully. Consult your adviser, or the Dean of Students' Office, *whenever* you have any problems or questions about college life.

Become familiar with the services of the Career Center in the SUB. Plan to participate in workshops offered by the Career Center and the Dean of Students which focus on study skills, time management, test anxiety and stress management.

Sophomores

Students certifying in education must file a degree plan before the end of the first semester of their sophomore year.

Students in intercollegiate athletics *must* declare a major *before* the beginning of the 5th semester of enrollment in college study by filling out a degree plan. (See under Juniors)

To meet the Centenary Plan requirements:

1. Enroll in GED 251, Career Exploration, and begin your formal evaluation of interests, values, and abilities as you work through the first stages of designing a career action plan;
2. complete one semester of Service Learning; and formulate plans to meet the Intercultural component.

Juniors

File a degree plan by the end of the first semester. See the Office of the Registrar. Study "Degree Requirements" in the catalogue you plan to use and the major and supportive requirements for your major.

Students in 3/1 and 3/2 programs: Keep the Registrar informed of your address, and have transcripts of your work elsewhere forwarded immediately to that office when requirements are completed. Keep in touch on your plans!

Working with the Career Center staff, develop a résumé and identify (establish) a list of references.

Seniors

Fill out a diploma order at registration for the semester when you will finish.

Be aware that the last 30 hours must be taken at Centenary.

Check your degree plan carefully with your adviser to be sure that you are on the graduation track, and will have a 2.0 average in your major. Remember you cannot file a degree plan in your last semester and plan to be graduated.

Questions regarding academic regalia should be addressed to the Director of Student Activities at *registration* in the first semester.

Refine résumé and interview skills; implement strategies to reach post-graduate goals. The Career Center will assist you.

Transfers and Second Degree

Send transcripts of all previous study to the Office of Admissions immediately.

Register for Cultural Perspectives (and English 101 a/o 102 if not previously taken with at least a C.)

Read under **Sophomores** and **Juniors.**

VI

ACADEMIC REGULATIONS

Admission to the College and attendance in classes are conditional upon acceptance of and compliance with the rules and regulations of the College as now established or hereafter revised. **It is the responsibility of the student both to know the rules of the College and to abide by them.**

The most important of these rules—those which constitute the very foundation upon which the educational program of the College rests—are contained in the Honor Code of Centenary College. As a condition of admission to and registration in the College, every undergraduate student must agree to comply wholly with the provisions of the Code. These provisions, along with other regulations governing College life, are published annually in the student handbook known as ***The Centenary College Student Handbook***. The Honor Court also periodically publishes a booklet containing explanations and interpretations of the Code and its implications. Campus parking and traffic regulations are published in another booklet available at the College Business Office.

For the smooth and orderly completion of the chosen academic program and the requirements of the degrees offered by the College, it is essential for the student to become entirely familiar with the contents of the Centenary College catalogue.

The course offerings, rules, regulations, and fees appearing in this catalogue are announcements. They are not to be construed as representing contractual obligations of Centenary College, which reserves the right to change its course of instruction, fees, charges for room and board, and general and academic regulations without notice should circumstances warrant in the judgment of the College.

FACULTY ADVISERS

Each student at Centenary College is assigned a faculty adviser whose duty it is to counsel the student regarding a degree program, vocational or professional interests, the course schedule for each session, and progress toward graduation. Each faculty adviser is available for frequent consultation and will call advisees for conferences in case of deficient grade reports and for semester course program planning. Normally however, it is the student's responsibility to seek advice when needed and there should be no hesitancy in doing so at other than the required times of consultation.

Students normally stay with the faculty adviser assigned to them as freshmen until the sophomore year and their files are transferred to an adviser in their major department. However, they may request the Office of the Registrar to change advisers at any time; and, if another adviser is available, the change will be made.

The faculty adviser must approve, by signature, each student's course program for each semester, including all changes in registration.

REGISTRATION

All students are required to register for each session by the end of the formal registration period designated by the College in the official academic calendar. Registration is not complete until the appropriate cards and forms have been completed and all financial arrangements made. A late fee of $25.00 will be charged for the completion of registration after the final day of registration. No registration is permitted after the date specified in the calendar as the "last day for enrolling or changing courses."

CHANGE OF REGISTRATION

After registration is completed, a fee of $10.00 is charged for any change of registration (i.e., for each course dropped, added, or modified) not initiated by the College. A change is initiated by the College when the student is required to make the change by an instructor, an adviser, the Registrar, or the Dean of the College. Classes may be added only with the approval of the instructor and the faculty adviser, and require the approval of the Dean of the College; this may be done only until the date designated in the calendar. Classes may be dropped with the approval of the instructor, the adviser, and the Dean until the date designated in the calendar as the "deadline for dropping courses without academic penalty." If a student drops a course or is dropped by a professor after this day, a grade of "XF" will be recorded for the course. This same deadline applies to changing from "credit" to "audit" or vice versa and changing a regular registration to "Pass-Fail" registration or vice versa. Forms for initiation of course changes are available in the Office of the Registrar.

A student may change from one major or degree program to another at any time with the approval of both advisers concerned. Forms are available in the Office of the Registrar.

WITHDRAWAL

If it should become necessary for a student to withdraw from the College, permission must be secured from the Dean of the College. Permission will not normally be given except in case of emergency after nine weeks of the semester have elapsed. The student must discharge all financial obligations to the College and be cleared by the College library in order to receive the Dean's approval. *Failure to attend classes does not constitute withdrawal, and if students leave the College without completing the withdrawal procedures, they will receive a grade of "F" in all courses in which they were registered and will forfeit any right to refund of fees.*

AUDITING COURSES

Students classified as full-time by the College may, with the consent of the instructor, audit courses free of charge (except if in excess of 18 hours). If they desire the audited course to be recorded on their transcript, they must register officially. Upon notification by the faculty member in charge of the course that the student did not actually attend, notation that the student audited the course will be stricken from the record without right of refund of fees.

Persons who are not Centenary students may also audit most courses in the College course-offering (exceptions are performance and execution courses such as those in theatre, art, and music) for a reduced tuition rate. Registration procedures are simplified for students in this Special Audit program. Consult the Office of the Registrar for information.

CLASSIFICATION

A "regular student" or "full-time student" is defined as one enrolled for credit in at least twelve semester hours of course work. A full-time student in the summer is one enrolled for credit in at least three hours per four-week term. (To receive full VA benefits on a continuous basis, registration must be for at least six semester hours over eight weeks.)

Regular students are classified as follows: freshmen are those with fewer than twenty-seven semester hours; sophomores, those with twenty-seven through fifty-< nine semester hours; juniors, those with sixty through eighty-nine semester hours; seniors, those with ninety or more semester hours.

COURSE LOAD

The normal course load is from fifteen to eighteen semester hours. Special permission must be obtained from the Dean of the College for any student to register for more than eighteen semester hours, and permission will not be given to any student to register for more than twenty-one semester hours. The normal course load for the summer session is six to nine hours; however, permission may be granted by the Dean for a maximum of twelve semester hours.

COURSE SEQUENCE

Courses are numbered as follows: 100's—freshman-level; 200's—sophomore-level; 300's—junior-level; 400's—senior-level. (See p. 83 of this catalogue.) Students should not enroll in courses in the upper division (numbered 300 and above) without having taken the prerequisite lower-division courses. Students wishing to take courses numbered higher than their current classification should consult the chairperson of the department concerned.

Courses are also designated as sequential-double numbered year courses. (See pp. 83-84). As far as possible, enrollment in these courses should maintain the sequence. Students who have failed a course in such a sequence will not be permitted to enroll in the more advanced course without the express permission of the instructor and the Dean. Students who have received an Incomplete grade in a course may, with the permission of the instructor, enroll in the more advanced course.

CLASS ATTENDANCE

The Centenary College faculty and administration believe that regular and systematic class attendance is an important and necessary ingredient of the educational process at Centenary. The College expects students to place a high priority on regular attendance. **Faculty members may establish their own attendance policies.**

Students at Centenary College are responsible for mastery of material presented in the class session of the courses in which they are registered. Members of the faculty are not expected to provide students who absent themselves from class without emergency reason with material (including examinations) covered in class. Faculty members are expected to inform the Dean of Students when students are absenting themselves from an excessive number of classes.

Because of Veterans Administration regulations, the faculty must report to the Financial Aid Office any veteran who is absent in excess of three times the number of scheduled class sessions per week. The Director of Financial Aid will notify the Veterans Administration of the absences.

CONVOCATION ATTENDANCE

The Convocation Program is one way the College brings together the campus community to express and consider the unique values involved in a church-related, liberal-arts education as these values are focused in vital issues, such as education, religion, and social concerns. Recognizing the value of the gathering of the faculty, administration, and student body as a campus community from time to time, the faculty has established the period from 11:10 a.m. to noon on Thursday as a period reserved for such gatherings for academic and religious purposes. No other meetings may be scheduled during this period, by either faculty or students. Cultural Perspectives credit is given to freshmen and transfer students for this participation.

EXAMINATIONS

All students are required to take the written examinations of from two to three hours' duration at the end of the semester in all courses except those in which the material covered does not lend itself to this type of measurement.

As of 8:00 a.m. on the first day of Preparation Week no tests other than lab exams may be given. No papers or additional work (beyond completion of courses) may be assigned. Class assignments made earlier in the semester may be due during Preparation Week.

CREDIT

Most courses at Centenary meet either three times a week for fifty minutes each period or twice a week for seventy-five minutes each. Carried successfully for one semester, such courses earn three semester hours each. Courses such as laboratory sciences and activity courses like physical education, musical ensemble participation (e.g., choir, band), theatre productions and performances, etc., earn only one semester hour of credit for three class meetings a week.

GRADING SYSTEM

At the end of each semester, letter grades are given in each course. These grades, their general significance, and their equivalent quality points are as follows:

A—work of high distinction; four quality points per hour

B—above average work; three quality points per hour

C—average work; two quality points per hour

D—passing work, but below average; one quality point per hour

F—failing work; no credit, no quality points; hour credit counts as work attempted in calculating averages

XF—the grade recorded for a course dropped after the last day to drop a class; no credit, no quality points; hour credit counts toward work attempted in calculating averages.

P—the grade recorded when a student successfully completes a course under the Pass-Fail system (see p. 55); no quality points; the credit given is not used in calculating averages

CR—credit; the grade recorded when a student fulfills the requirements of a course for which no credit hours are earned; no quality points

NC—non-credit; the grade recorded when a student does not fulfill the requirements of a course for which no credit hours are earned; no quality points

I—incomplete work; given only when **emergency** prevents the student from completing final examination or other concluding work of the course at the scheduled time. This temporary grade must be removed during the next regular semester by the time listed in the academic calendar, or it is automatically converted to a permanent "F"

W—withdrawal; no credit, no quality points (see section entitled "Withdrawal").

Each mid-semester, instructors report to the Dean of the College all grades averaging below "C." These are not permanent grades, but are used as warnings that improvement is necessary. Both faculty advisers and students receive these deficiency reports; students receiving such reports should immediately consult their advisers.

ENGLISH PROFICIENCY

In the evaluation of all academic exercise, the quality of English used by the student will be considered. Every student in every course is expected to use English that is grammatically correct and logically sound. Every Centenary student is expected to demonstrate a high level of proficiency in oral and written communication. Failure to meet recognized standards of English composition may result in a lower grade in any course.

REPEATING COURSES

Students who have earned a grade of "D" in a course may repeat the course to improve their grade. Hour credit toward graduation is earned only once, even though reflected twice in the total hours attempted; both grades are used in the calculation of cumulative averages.

PASS-FAIL COURSES

Students who have attained sophomore standing may register for pass-fail courses. The usual credit will be given if the course is successfully completed, but the grade will be recorded simply as "P," and the cumulative grade point average is not affected. However, the student must earn at least a "C" to receive the grade of "P." If the course is not successfully completed for a "P," the student is assigned a grade of "D" or "F," and the cumulative grade average will reflect the "D" or "F."

With the exception of internship courses, no more than eighteen semester hours taken under the "Pass-Fail" system may be attempted toward graduation requirements. Courses may not be taken "Pass-Fail" in a student's major or minor department except for module and internships that are approved by the department.

Students should be aware of the fact that some graduate schools when reviewing transcripts may consider a grade of "P" as equivalent to a "C" grade.

ACADEMIC PROGRESS

1. Students must attain a grade point average of 1.5 their first semester at Centenary College.

2. After their first semester they must maintain a 2.0 "current or cumulative" grade point average during each semester they are enrolled.

3. Students are placed on academic probation if they fail to meet the above requirements.

4. Suspension is automatic for students who fail to maintain the required grade point average for two consecutive semesters. For students who fail to attend college for a semester or more, the term "consecutive semesters" means the two most recent semesters in which the student was enrolled at Centenary.

5. Maintain a grade point average of 2.0 or higher in all courses taken in the department/area of the major and of 2.0 or higher in all work taken. Students must obtain a C or better for major courses above the 100 level.

ACADEMIC SUSPENSION

Suspension is for a minimum of one regular semester. Students under suspension may not count the summer or module semesters as fulfilling the one regular semester requirement, nor may they attend the summer or module while under suspension.

Students under suspension must not expect to be admitted to another institution during this semester, nor will any credit undertaken be transferable back to Centenary.

After this minimum period of suspension the student may apply for readmission to the College. Readmission is not automatic, but if granted, the student is readmitted under academic probation.

ELIGIBILITY FOR PARTICIPATION IN ACTIVITIES

When placed on a second or subsequent probation, students are prohibited from representing the College in any extracurricular activity. Activities that are prohibited include, but are not restricted to, intercollegiate sports; choir; band; staff work on campus media; musical performances; dramatics, including backstage work; cheerleading; participation in Student Government Association and related committees.

MAJOR FIELDS AND DEGREE PLAN

As early as possible after deciding upon a major field, students should, in consultation with their faculty advisers, plan the remainder of their degree programs, so that they may proceed in an orderly way to meet major and degree requirements. Students are required to file their degree plans, approved by their advisers and endorsed by the Registrar, in the Office of the Registrar before the end of the first semester of the junior year. Junior and senior transfers shall file a degree plan before the end of their first semester of residency. Most students find it advisable to file a degree plan upon declaring a major.

A major consists of courses within one department totaling from twenty-four to forty-five semester hours plus courses in one or more related subjects. **(Two exceptions are the Liberal Arts Major and the Interdisciplinary Major. See pp. 73-74.)** Although there is no limitation on credit allowed for major and supportive hours, no more than forty-five hours in the major may be included within the total of 124 hours required for graduation. (The hour limitations above do not apply to the B.M. degree and B.S. in Health and Physical Education—Teacher Certification degree and the Health and Exercise Science degree.)

A student who transfers more than one half of the upper-division courses required in the field of his major must complete additional hours at or above the 300-level in this major as determined by the chairperson of the department concerned.

MINOR

Students may elect to declare a minor in a department outside their major department. A minor is a minimum of 18 hours with at least 6 hours in courses above the 300 level. Requirements for minors are listed in each department. Students must take courses in their minor subject for a letter grade. Courses taken P/D/F are not acceptable.

TIME LIMIT

If students do not complete degree requirements within seven years after matriculation in this or another collegiate institution, they must complete an additional twelve semester hours at or above the 300 level in their major subject; except that students who attempt to complete degree requirements entirely by part-time attendance may be exempted from this requirement on recommendation of their major department chairperson.

DEGREE REQUIREMENTS

1. Requirements for All Degrees

A. Earn no fewer than 124 semester hours, three of which must be 199 (Module), but no more than six hours of 199 courses may be counted toward the 124 required. (Students in 3-1 and 3-2 preprofessional programs will meet only the module requirements of the program.) No more than eight hours may be earned in activity courses.[1] The last thirty semester hours required for graduation must be taken in residence. No graduate course may be counted toward the 124 hours of undergraduate credit needed for graduation.

B. Earn at least thirty hours numbered 300 or above.

C. Meet the basic requirements for the degree to be earned.

D. Meet all requirements for a major field of study.

E. Maintain a grade point average of 2.0 or higher in all courses taken in the department/area of the major and of 2.0 or higher in all work taken. Students must obtain a C or better for major courses above the 100 level.

F. Have filed a degree plan in the Office of the Registrar before the end of the first semester of the junior year. Junior and senior transfers shall file a degree plan before the end of their first semester of residency.

G. Discharge all financial obligations to the College.

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[1] EXSC 101-102, 201, 211; Theatre/Speech 104 through 107; EXSC and Theatre/Speech 121 through 128; Music 151 through 160; Military Science 101, 102, 201, 202, 311, 312, 411, 412.

H. Meet the requirements of a catalogue published in one year of attendance and within five years of the proposed graduation date.

I. Be present at the Commencement exercises to receive the degree conferred.

2. Core Requirements for All Degrees (B.M. degree - see Music.)

A. English 101 and 102, Rhetoric I and II. All entering freshmen and all transfer students who do not offer transferable credit in English 101, 102, are required to register immediately for the sequence English 101, 102. Students who fail either of these courses must register for the course they failed as soon as that course is offered again in the Fall/Spring schedule. In the meantime they must enroll in the next required English course in the sequence 101, 102. English 101 and 102 may not be dropped or taken pass-fail. A "P" in English from another institution will not transfer except by petition.

English 201-Studies in Literary Masterworks-or other advanced English literature course.[1]

General Education 101 and 102-Cultural Perspectives.

Exercise Science 103-Dynamic Physical Fitness for Contemporary Society.

Exercise Science 101, 102, 201. EXSC 201 includes physical activities in a lifetime sport such as archery, badminton, bowling, conditioning, golf, racketball, swimming, tennis, outdoor adventure activities, weight training, and dance (EXSC/THSP 121-128).

Math 107 or higher-or two courses below 107 level excluding 103.

Science and laboratory-Two science courses with laboratories.

B. Take courses in each of the following areas; at least one course must be taken in each A and B subdivision.

I - 3 courses	II - 4 courses[2]	III - 3 courses
A. Art	A. Religion	A. Economics
	Music	Political Science
Theatre	B. History	
Speech		B. Psychology
	C. Philosophy	Sociology
B. Foreign Language or		
Studies in Foreign Cultures		

NOTE: Not all courses may be used to fulfill the degree and core requirements. The following courses have been approved for satisfaction of the requirements.[3]

ART: 101, 102, 103-104, 107, 211, 212-213, 305, 306.

ASTRONOMY: 101 and 111.

BIOLOGY: 101 and 111, 103, 104, and 201.

CHEMISTRY: 101 and 111, 102 and 112, 105 and 115.

ECONOMICS: 101.

ENGINEERING: None.

ENGLISH: 201, 205, 206, 290, 307, 308.

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[1] Also including 205, 206, 290, 307, 308.

[2] No more than 2 courses in Religion, History, or Philosophy may be used to fulfill core requirements.

[3] Students certifying in education may use any courses in departments listed for fulfillment of distributive requirements as long as the courses are required by the State Department of Education.

FOREIGN LANGUAGES: 101 and 102 in a single foreign language or any one foreign language or literature course numbered 201 or above, including **FLNG/ENGL** 391 or 392; or 393W or 394W.
GEOLOGY: 101 and 111, 102 and 112.
HISTORY: 201, 202, 203, 205, 206, and 312.
MUSIC: 111-112, 141-142, 143-144, 170. (If 170, it must be for a total of 3 semester hours.)
PHILOSOPHY: 101, 107, 202, 205, 206, 210, 290, 301, 302, 303, 395, and 396.
PHYSICS: 101 and 111; 102 and 112; 103 and 113; 104 and 114; 105 and 115.
POLITICAL SCIENCE: 101, 102, 103 and 111.
PSYCHOLOGY: 101, 211.
RELIGION: 101, 102.
SOCIOLOGY: 101, 112, 202, 221.
THEATRE/SPEECH: 111, 200.

3. Proficiency Requirements

A. Take at least one course that is described as a W (writing) course. The W (writing) courses offered at the 300 level require a minimum of 12 typed pages of graded writing. The 12 pages may be small papers or one major paper. The focus is on quality of writing in the discipline using the College style sheet or the acceptable style within that discipline. A vital part of the experience is intervention on the part of the faculty member to assist the student to reach a point of proficiency in writing in English. The professor will indicate on the grade sheet any students who fail to satisfy the W requirement. These students will be notified by the Registrar's Office that they must repeat the W requirement after referral to the English Department for remedial help.

B. Take at least one 300 level course that is described as a S (speech) course. The oral presentation for a course fulfilling the requirements for a S (speech) course should consist of at least 45 minutes of total graded speaking time per student. The presentation(s) should be critiqued and graded on content and speech delivery. The speech(es) should contain prepared as well as spontaneous interaction to questions. Evaluation sheets will be completed for each presentation. Students with problems in speech presentation should have an opportunity to review critiques and make a second presentation. The emphasis is to improve oral communication skills in English. The professor will indicate on the grade sheet any students who fail to satisfy the S requirement. These students will be notified by the Registrar's Office that they must repeat the S requirement after referral to the Speech Department for remedial help.

C. Take a course designated "Senior Seminar" in the student's major department. The course must meet one or both of the following requirements: (a.) a formal written or oral presentation of the student's work. In the Fine Arts, the presentation may take the form of a recital, an art exhibit, or a special project; (b.) a comprehensive examination. Engineering 3-2 students are exempted from the senior seminar.

D. The S, W, and senior seminar requirements are three distinct requirements and can only be fulfilled by taking three distinct courses. These courses do not necessarily have to be 3-hour courses.

NOTE: Beginning with the class of 1998, Centenary students will be required to demonstrate a minimal level of proficiency in computing as a requirement to receive a degree. This may be satisfied either by successful completion of a proficiency examination or courses approved by the faculty for this requirement. Guidelines for this requirement will be available in the spring semester, 1993-94.

4. Module Requirement

During the Module, departments of the College offer courses whose topics vary from year to year. These are listed as 199. The purpose of the program is the enrichment of the liberal arts curriculum by concentrated study for a short period on topics of general or specialized interest not normally offered in courses. Some of the courses will involve study off the campus, either at other institutions or in the field.

Students must complete one Module course for graduation, but two Module courses may be accepted toward the 124 hours required for graduation. Centenary College will accept as many as two Module courses from other institutions, provided such courses have clearly been taken as or Module courses as defined by our own regulations. As set forth above, no more than six hours of 199 courses may be counted toward satisfaction of the minimum 124 semester-hour requirement for degree; but students who exceed the minimum number of hours for graduation may of course register for additional Module courses. Students may take only three semester hours during the Module. Each course is designed to occupy the student's full time in class, study, research, and independent projects. Module courses cannot be used to fulfill core requirements. With the approval of a student's major department, Module courses may be used to fulfill a major requirement. Module courses are taken "P/D/F,' see p. 57 for details. Module courses will count toward the total 18 P/D/F hours allowed for graduation.

Departments may offer regular courses during the Module periods. As many as twelve total hours taken during these time periods may be counted toward the graduation requirement. If students take two Modules for degree credit, they may also take two regular courses for degree credit. If students take one Module course, they may take three regular courses for degree credit.

5. Additional Requirements

A. Intercultural Experience

All students who are graduated from Centenary College will participate in at least one experience of living and learning in another culture. This experience will be undertaken during the sophomore or junior year and will be selected from a number of approved options.

B. Career Exploration

All students in their sophomore year will participate in a program which will help guide their major and career decisions. This program will be conducted by the Career Center and will entail four two-hour meetings. Students will enroll for these services at Registration. No academic credit is awarded, but completion of this requirement is necessary for graduation. See Career Development, pg. 15 & 48 for additional information.

C. Service Learning

Between the beginning of the second semester of the Freshman year and before the end of the first semester of the Junior year, each student must enroll in at least one Service Learning Project which will involve community service. Project groups will be listed in the official schedule of classes, and students will enroll in a project as they would in any other class.

COMMENCEMENT

In order to process, students must fulfill all degree requirements and fulfill all financial obligations to the College prior to the date of commencement.

DOUBLE OR MULTIPLE MAJORS

Students who satisfy all requirements of more than one major in a single degree may have all majors entered upon their transcripts and diplomas. Students who meet all requirements stated in the Section, "Second Degree," may receive two diplomas simultaneously for work earned in two or more major fields of study.

SECOND DEGREE

To qualify for a second baccalaureate degree, graduates of Centenary must present a minimum of thirty additional semester hours. Students with a baccalaureate degree from another institution must meet all core requirements, either by acceptable credits transferred from the first degree or by work at Centenary, and successfully complete a minimum of thirty semester hours, twenty-four of which must be in residence. Students must meet the degree requirements listed on pp. 59-63, and meet all requirements of the catalogue of the year they enrolled for the second degree and complete them within five years. No student is eligible for more than two undergraduate degrees at Centenary. Students who satisfy all of the requirements for a second degree may have both degrees conferred in a single ceremony and will receive two diplomas. Students who have earned one degree are not eligible for any subsequent institutional awards. These policies apply to all students, including transfers.

Students may take a maximum of six semester hours "Pass-Fail." However, the total number of "Pass-Fail" hours under both first and second degrees may not exceed eighteen semester hours. (See exceptions under "Pass/Fail Courses.") Students wishing to apply to a second major a Pass-Fail course taken under the first degree should consult the chairperson of their major department.

CORRESPONDENCE CREDIT

Centenary College does not offer correspondence courses, but a limited amount of elective credit may be earned by correspondence study with accredited colleges and universities. Centenary will accept only those courses which the college or university offering the correspondence study will accept toward its own baccalaureate degree. Neither courses in the student's major field nor courses offered in satisfaction of core requirements may be taken by correspondence.

Taking of courses by correspondence for Centenary credit is permitted only by special arrangement with the Dean of the College, and students taking such courses may have to pass a special examination at the Dean's discretion or that of the chairperson of the department in which the student is majoring.

ACADEMIC PETITIONS

The faculty has established a procedure to act on the requests of students for exception to, or waiver of, academic regulations. See the Registrar for petition forms and for information on what issues may or may not be petitioned. Prior to drafting the petition the student should consult with his or her adviser.

ACADEMIC HONORS AND ORGANIZATIONS

GRADUATION HONORS

the baccalaureate degree is awarded with special distinction to graduating seniors with cumulative averages of 3.5 or better. Candidates with averages between 3.5 and 3.69 are graduated cum laude; those with averages between 3.7 and 3.89, magna cum laude; and those with averages 3.9 and above, summa cum laude. If a student has attended another institution and on the basis of work done at Centenary would be eligible for graduation honors, the registrar will compute overall average of all work attempted at Centenary and elsewhere to determine **eligibility** for graduation honors. If the overall average is higher than the Centenary average, the Centenary average will be used to determine which honor is given.

DEAN'S LIST

Students who have achieved a grade point average of 3.50 or better in twelve or more semester hours taken for a letter grade are accorded the academic honor of being on the "Dean's List."

DEPARTMENTAL HONORS

Many academic departments at Centenary offer Honors Programs to interested students of outstanding ability. These programs have been designed by the different departments and approved by the Educational Policy Committee. They may include opportunities for independent study with an accompanying paper, a substantial research report, or, in the case of honors work in the arts, a project as decided by each individual department. All students working toward departmental honors are required to present their independent study paper, research report, or project at the Student Research Forum or at some other departmental approved forum. To be eligible for admission to candidacy for honors, students must have attained a grade point average of at least 3.5 in the major and 3.0 cumulative have attained junior standing and at the time of admission to the program normally have earned more than half of their credits in work done in residence at Centenary, and have their candidacy for honors approved by their major department and the Educational Policy Committee. To qualify for honors students must spend a minimum of two semesters in the program and maintain an average of at least 3.0 in both major and non-major subjects.

Attainment of departmental honors through successful completion of this program does not supplant traditional graduation honors (see below). Thus a student may graduate "Bachelor of Science with Honors in Mathematics magna cum laude," or "Bachelor of Arts with Honors in English," or "Bachelor of Science in Biology summa cum laude."

Interested students should consult the chairperson of their major department for specific information.

HONOR SOCIETIES

The highest academic recognition that can come to a Centenary student is election to Alpha Chi, national scholastic honor society for juniors and seniors with a 3.5 cumulative average. Omicron Delta Kappa, national honorary fraternity for men and women, recognizes leadership, scholarship, and service in various fields of activity. Outstanding students are elected to this fraternity from the junior and senior classes by members of the circle. Membership in the Maroon Jackets is another of the high honors that can be bestowed upon a Centenary student. The Maroon Jackets are selected from among students who will be entering their final year, who have excelled scholastically (3.0 average required) and have shown outstanding leadership and service to the College. They are the official hosts and hostesses of the College, representing Centenary at all functions of major importance.

A number of honorary fraternities and service organizations which recognize scholarship in a particular field have chapters on the Centenary campus. These include: Alpha Epsilon Delta, a national honor society for premedical students who have a 3.0 average; Sigma Gamma Epsilon, honorary fraternity for students with a 3.0 cumulative average in 10 hours of geology and 2.7 overall average; Sigma Pi Sigma, honorary physics fraternity for students with a 3.0 average and three hours of advanced physics; Kappa Pi, national art fraternity; Sigma Tau Delta, national English honor society; Phi Beta, national speech and music fraternity; Alpha Kappa Delta, national sociology honor society; Phi Alpha Theta, international honor society in History; Phi Eta Sigma, national honor society for college freshmen; and Phi Mu Alpha, the national professional music fraternity for men; Pi Gamma Mu, international honor society for social sciences.

HONORS DAY AWARDS

Each Spring a convocation is held and awards are presented to students in many areas. The following awards are made each year.

ACCOUNTING STUDENT AWARD

The Society of Louisiana Certified Public Accountants presents an award to a graduating senior accounting major with a 3.75 minimum overall grade point average.

ACCOUNTING ASSOCIATION AWARD

National Accounting Association presents a trophy to a graduating accounting major with a 3.75 accounting and overall grade point average.

ALPHA EPSILON DELTA AWARD

This award recognizes the A.E.D. initiate with the highest grade point average.

ALPHA KAPPA DELTA AWARD

A plaque is presented to a junior or senior with twelve or more hours of sociology studies, an overall grade point average of 2.5 and a grade point average of 3.0 in sociology.

THE ELLIS H. BROWN LEADERSHIP AWARD

Checks are presented to graduating seniors outstanding in scholarship, leadership, character and service to Centenary.

MINNIE HALL BROWN AWARD

A check is presented to an outstanding undergraduate Church Careers student.

SHANNON BROWN CHOIR SERVICE AWARD

This award is given to a new choir member based on his/her service to the Choir.

VIRGINIA CARLTON MATHEMATICS AWARD

A book is presented to the freshman who has had one year of calculus and who has accomplished the most in mathematics, maintaining a minimum 3.5 grade point average.

C R C PRESS CHEMISTRY AWARD

A commemorative scroll and the current edition of *The Handbook of Chemistry and Physics* are presented to a freshman student who has shown outstanding achievement.

CHEMISTRY DEPARTMENTAL AWARD

Recognizes a senior deemed by the Chemistry Department to have performed outstandingly.

UNDERGRADUATE AWARD IN ANALYTICAL CHEMISTRY

A 9-month subscription to ANALYTICAL CHEMISTRY and membership in the Division of Analytical Chemistry is presented to students completing their third year who display an aptitude for a career in this area.

CHI OMEGA SOCIAL SCIENCE AWARD

A plaque in the Chi Omega House honors the senior majoring in sociology or psychology who has achieved above average accomplishment both academically and through campus organizations.

DAUGHTERS OF THE AMERICAN REVOLUTION AWARD

A medal is awarded to a student in the top 25% of R.O.T.C. class; who has demonstrated qualities of loyalty and patriotism, dependability and good character, adherence to military discipline, leadership ability and a fundamental and patriotic understanding of the importance of R.O.T.C. training.

THE TIP DAVIDSON AWARD

A plaque is presented to the graduating senior receiving the B.S. degree in Health and Physical Education who has shown physical education, intramural and recreation leadership for the Centenary Community, and whose personal lifestyle best reflects the values of physical fitness.

THE D. L. DYKES FOUNDERS' AWARD

At their Endorsement Service an award is presented by the Centenary School of Church Careers to a student who has demonstrated excellence in his/her field education and field work settings.

EDUCATION HALL OF FAME

Cash awards are presented to the outstanding graduates in elementary and secondary education. In addition, their names are engraved on a plaque which is located in the Department of Education.

ENGLISH VICTORY AWARD

A cash award is presented to the graduating English major with the highest cumulative grade point average.

ESTWING MANUFACTURING COMPANY AWARD

A rock hammer is presented to the most outstanding graduating senior majoring in geology.

THE JOHN A. HARDIN AWARD

A book is presented to the most outstanding senior mathematics major who has a 3.5 minimum grade point average and has shown potential creativity in the field of mathematics.

THE HARRISON AWARD FOR ACADEMIC EXCELLENCE

A check is presented to a student who has demonstrated academic excellence.

HARRISON PRE-LAW AWARD

The recipient is selected from pre-law students from various disciplines on basis of grade point average.

THE A. J. AND NONA TRIGG HODGES CHOIR SPIRIT AWARD

Checks are presented to the man and woman voted by their peers to be the most outstanding choir members.

INTERFRATERNITY COUNCIL PRESIDENT'S TROPHY

The President's Trophy is awarded to the fraternity with the highest grade point average for the Fall Semester.

GEORGE T. KILOVAS AWARD

Theta Chi fraternity presents a plaque to the graduating student member who is deemed by the chapter to be an exemplary Theta Chi.

R. THOMAS MERRILL FOREIGN LANGUAGE AWARD

A check is presented to a student who has demonstrated outstanding performance in a foreign language.

THE C. WRIGHT MILLS AWARD

An award is presented to the sociology major best exemplifying C. Wright Mills' vision of promise of sociology and demonstrating sociological imagination.

OUTSTANDING AMERICAN HISTORY STUDENT

The Colonial Dames of America, Chapter 6, present a check to the student who has the most outstanding record of academic success in American History.

OUTSTANDING ATHLETES AWARD

Plaques are presented to the man and woman who through their performance during the academic year did the most to enhance the image of Centenary's intercollegiate athletic program.

OUTSTANDING FRESHMAN MUSIC MAJOR AWARD

A plaque is presented to an outstanding freshman music major.

OUTSTANDING MUSIC MAJOR AWARD

A plaque is presented to a music major completing the senior year.

HEALTH AND PHYSICAL EDUCATION AWARD

Plaques are presented to the man and woman receiving the B.S. degree in Health and Physical Education who have maintained high grade point averages and displayed evidence of departmental leadership and professionalism.

THE THOMAS PITT AWARD

A check is presented to the junior or senior student planning a church-related career who has demonstrated significant academic performance as evidenced by the grade point average in religious studies.

THE DR. W. FERRELL PLEDGER HONOR AWARD IN SOCIOLOGY

A check is presented to the sociology major graduating with the highest grade point average. The recipient's name is also engraved on a departmental plaque.

PSYCHOLOGY AWARD

A check is presented to the outstanding psychology major chosen by the department.

R.O.T.C. SUPERIOR CADET DECORATION AWARD

Scrolls are presented to cadets who have demonstrated excellence in academics and support of R.O.T.C.

THE CHARLES M. ROSS SCHOLARSHIP

Two $1,000 scholarships are awarded seniors committed to world service for graduate training in the fields of religion, sociology, medicine and education.

THE PEGGY ROUNTREE AWARD

A plaque hangs in the Chi Omega House honoring the member who depicts the ideals of Peggy Rountree, — vivacity, extroversion, involvement on campus, high standards of scholarship.

S.G.A. BULLET AWARD

The Student Government Association recognizes a senator, officer or chairperson for outstanding service to Centenary through the S.G.A.

S.G.A. RECOGNITION

Certificates are presented to the officers of the Senate in appreciation of their leadership.

THE JAMES SEARS AWARD

Presented at the Church Careers Endorsement Service to the student pursuing a church-related career who has made a substantial contribution to the church careers community.

SIGMA TAU DELTA AWARD

The name of the senior student graduating in Art, English, Foreign Languages, Music, Philosophy, Religion or Theatre/Speech, with the highest cumulative grade point average is engraved on a plaque which hangs in the Library.

THE DEAN R. E. SMITH AWARD

A check is presented to the student who has been highly involved in and made significant contribution to the religious activities program.

THE SUE SOLOMAN SCHOLARSHIP AWARD

A plaque to be hung in the Chi Omega House honors the graduating Chi Omega senior with the highest grade point average.

THE W. A. TARR AWARD

Sigma Gamma Epsilon National Earth Science Honor Society presents a certificate to the individual who has contributed the most to the chapter's activities and welfare, and who best exemplifies the traditions of the society.

THE LEROY VOGEL MEMORIAL AWARD

An award is presented to the outstanding graduating senior majoring in history or political science, based on overall academic achievement in his or her major.

WHO'S WHO AMONG STUDENTS IN UNIVERSITIES AND COLLEGES

Certificates are presented to juniors and seniors selected on the basis of grade point average, leadership, service to the college community, and potential for future achievement.

ZETA TAU ALPHA AWARD

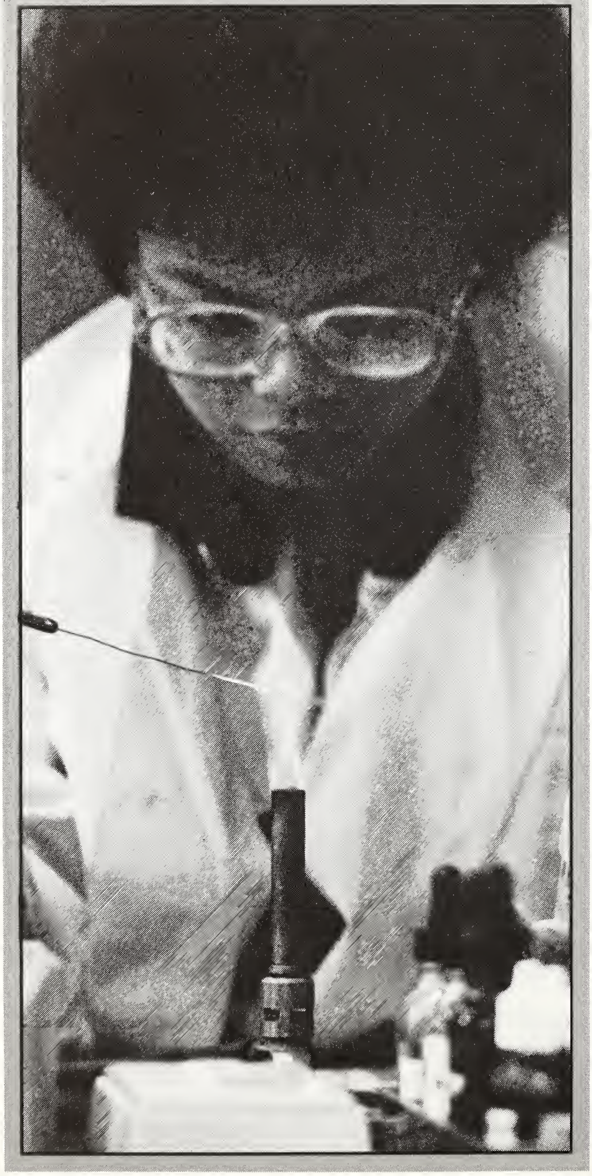
This award is presented to the chapter member who has the highest grade point average.

Centenary students at work in one of several computer labs on campus.

Dr. Barrie Richardson and his Leadership class participate in a Ropes class.

VII

COURSES OF INSTRUCTION



DEGREE OFFERINGS

Centenary College offers three undergraduate degree programs, one leading to the Bachelor of Arts, another to the Bachelor of Science, and a third to the Bachelor of Music.

B.A. degree programs include the following majors:

Art
Biology
Chemistry
Christian Education
Dance
Economics
English
Foreign Languages (any major-minor combination of French, German, Latin and Spanish)
French
Geology
History
Liberal Arts
Mathematics
Music
Performing Arts
Philosophy
Physics
Political Science
Psychology
Religion
Science Education
Social Studies Education
Sociology
Spanish
Speech
Theatre

B.S. degree programs include the following majors:

Accounting
Applied Science
Biochemistry
Biology
Biophysics
Business
Chemistry
Elementary Education
B.S., B.A. combined degree in Engineering
Geology
Health and Exercise Science
Health and Physical Education (Teacher Certification)
Mathematics
Physics
Psychology

B.M. degree programs include the following majors:

Performance
Music Education
Sacred Music
Piano Pedagogy
String Pedagogy

LIBERAL ARTS MAJOR

Students who do not wish to concentrate in a single discipline may elect to major in the "Liberal Arts," and under the guidance of a faculty committee select three or four departments in which they will complete the requirements of this major. In addition to the core requirements, such students must complete work in a foreign language through the intermediate level and forty-eight hours in the three or four major departments selected with a minimum of twelve hours in each of the departments. These departments must represent more than one of the academic divisions of the College. Twenty-four of the major hours must be at the 300 level or above, and none of the forty-eight may be used to fulfill core requirements.

All Liberal Arts majors are required to participate in a Senior Seminar as a capstone course. The capstone experience should take place either through participation in the Senior Seminar of one of the component departments in the Liberal Arts major or through a study coordinated by the Chair of Liberal Arts and one or more of the faculty of the Liberal Arts Committees of the participating student (p. 130). Selection of the particular capstone course shall be made by the Liberal Arts major prior to approval of the degree plan.

The student wishing to pursue the B.A. degree in Liberal Arts must apply to the Chair of Liberal Arts for admission.

INTERDISCIPLINARY MAJOR

A student may design an interdisciplinary major by presenting a detailed written proposal stating goals and identifying the departments and courses involved. The proposal will be prepared with the support of an adviser, who will assume responsibility for the program throughout its course, and in consultation with the appropriate departmental chairpersons.

An interdisciplinary major should be a flexibly designed program integrating courses from two or more departments that broadens rather than narrows the scope of the College's traditional majors. The student will complete at least forty-five hours in the combined disciplines. Eighteen of the major hours must be at the 300 level or above, and none of the forty-five hours may be used to fulfill core requirements.

A proposal for an interdisciplinary major must be submitted to the Dean of the College and be approved by the Educational Policy Committee.

BACHELOR OF ARTS IN DANCE

This degree is designed for students who wish to pursue a career in dance as teachers, performers and/or choreographers. (See pg. 178.)

BACHELOR OF ARTS IN PERFORMING ARTS

This degree is designed for students who want to pursue a career in performing arts. Prospective candidates must audition and demonstrate a strong potential in one of the three areas of concentration: acting, dance, or music, in order to be accepted. (See pg. 179.)

THE BACHELOR OF MUSIC DEGREE

The various majors under the bachelor of music degree are designed to prepare students for professional careers in the fields of music education, performance, church music and string or piano pedagogy. The course requirements common to all but the music education majors are:

1. Music theory: MUS 111-112, 211-212.
2. Music history and literature: MUS 141-142, 341-342, 441-442.
3. Applied music: MUS 100, 200, 300, 400 or 150, 250, 350, 450.
4. Ensembles: One for each semester in which a student is enrolled as a music major with a maximum of eight being applied for the satisfaction of graduation requirements.
5. English: ENGL 101-102, 201.
6. Exercise Science: EXSC 103 in addition to one elective hour from EXSC 201.

7. One course each from Division II and Division III.

8. Foreign language or foreign literatures in translation. The specific requirements for the various majors within the bachelor of music degree may be found on pp. 154-155 (the departmental section of the catalogue).

BACHELOR OF SCIENCE DEGREE IN APPLIED SCIENCE
("Three-One" or "Three-Two" Program)

This degree program is designed to allow students to pursue their studies at Centenary College for three years then attend an accredited hospital, medical school, or university for a fourth, and if necessary, fifth, year of intensive study in their chosen applied science field. After successful completion of the professional program, the B.S. degree in Applied Science would be awarded by Centenary College.

The Three-Two Program with LSU Medical School in Speech-Language Pathology or Audiology may lead to a Bachelor of Science degree in either Applied Science or Psychology (See pg. 169.) from Centenary College and a Master of Communication Disorders degree from LSU Medical Center. (Should students decide not to complete the master's degree, the program will terminate in a B.S. degree.)

Because different applied science fields have different requirements, several tracks of study have been designed to accommodate the most popular professional programs. The required Centenary College courses common to all tracks are listed first, then the required courses of each track are listed separately. Obviously students in each track must complete all college core requirements before they leave Centenary College.

If a student wishes to remain at Centenary for 4 years, he/she may design a fourth year of courses in consultation with the Applied Science adviser.

Core Courses for All Applied Science Majors

Applied Science
301-302 (Human Anatomy and Physiology).

Biology
103 (Cell Biology) and 104 (Zoology).
301-302 (Human Anatomy and Physiology).

Chemistry
101/111; 102/112 (General Chemistry and General Chemistry Laboratory).

Physics
101/111; 102/112 (General Physics I and II).

Mathematics
107 (Elementary Functions) and 115 (Analytic Geometry and Calculus I).

Computer Science
101 (Introduction to Computers).

Health Administration Track

Accounting
203 (Principles of Accounting I).
204 (Principles of Accounting II).

Business
321W (Principles of Management).
322 (Personnel Management) recommended.

Economics
101 (Introduction to Economics).
303 (Statistics).
311 (Intermediate Microeconomic Theory).

Health
357W (Consumer and Nutrition Education).

Mathematics

It is recommended that a student take 109 (Calculus for Business and Economics) instead of MATH 115 (Analytic Geometry and Calculus I).

Psychology
101 (General Psychology).

Sociology
101 (Introductory Sociology).

Medical Technology Track

Biology
308W (Microbiology), 313W (Genetics).
395 (Microtechnique), 406 (Immunology), 401 (Histology) recommended.

Chemistry

201/211 and 202/212 (Organic Chemistry and Organic Chemistry Laboratory).

Nursing and Nuclear Medicine Track

Biology
308W (Microbiology), 313W (Genetics).
404 (Embryology), 406 (Immunology) recommended.

Health
357 (Consumer and Nutrition Education).
221 (First Aid and Personal Safety), 321 (Personal and Community Health) recommended.

Psychology

101 (General Psychology).

211 (Human Growth and Development) OR 221 (Psychology of Exceptionality) OR 305 (Social Psychology) OR 421 (Abnormal Psychology). It is recommended that more than one of the listed courses be taken.

Sociology

101 (Introductory Sociology).

Theatre/Speech

200 (Public Speaking).

Occupational Therapy Track

Biology

302 (Comparative Anatomy) recommended.

Health and Exercise Science

324 (Kinesiology).
326 (Motor Learning).

Psychology

101 (General Psychology).

211 (Human Growth and Development) OR 221 (Psychology of Exceptionality) OR 305 (Social Psychology) OR 421 (Abnormal Psychology).

Sociology

101 (Introductory Sociology).

Statistics

Psychology 303 (Statistics for Behavioral Sciences) OR Economics 303 (Statistics).

Theatre/Speech

200 (Public Speaking).

Pharmacy Track

Accounting

203 (Principles of Accounting I).
204 (Principles of Accounting II).

Biology

201 (Botany), 308W (Microbiology).
406 (Immunology) recommended.

Chemistry

201/211 and 202/212 (Organic Chemistry and Organic Chemistry Laboratory).

Health

355 (Drug Education).
221 (First Aid and Personal Safety) recommended.

Theatre/Speech

200 (Public Speaking).

Physical Therapy Track

The 3-2 Applied Science program is not available for students in the physical therapy track. All physical therapy programs are at the graduate level and require applicants to have a bachelor's degree. This field is extremely competitive, and students should be aware that a strong academic performance is necessary for admission to graduate school.

Biology

313W (Genetics).
302 (Comparative Anatomy) recommended.

Health and Exercise Science

324 (Kinesiology) and 326 (Motor Learning).

Psychology

101 (General Psychology)
211 (Human Growth and Development) OR 221 (Psychology of Exceptionality) OR 305 (Social Psychology) OR 421 (Abnormal Psychology).

Sociology

101 (Introductory Sociology).

Statistics

Psychology 303 (Statistics for Behavioral Sciences) OR Economics 303 (Statistics).

Theatre/Speech

200 (Public Speaking).

Speech-Language Pathology or Audiology Track

Psychology

A minor in Psychology to include:
101 (General Psychology).
211 (Human Growth and Development).
303 (Statistics for Behavioral Science).

312 (Introduction to Psychological Tests). plus six hours from the following: 221 (Psychology of Exceptionality); 311 (Physiological Psychology); 325 (Learning - Principles and Applications; 411S (History and Systems of Psychology); 421 (Abnormal Psychology) or 422W (Theories of Personality);

plus 30 hours from LSU Medical Center.

Theatre/Speech

101 (Voice and Diction) to meet Core IA.

ACADEMIC PROGRAMS

Centenary is primarily a liberal arts college; it is nonetheless, sensitive to the special professional and vocational needs of students in the 1990's. With these needs in mind, the College offers a variety of programs specially designed to provide students the requisite training in a particular field so that they will have, upon graduation, a choice of options such as graduate study, additional professional training in a business or industry, or direct entry into a career.

A program, defined in terms of these special needs, is a formalized body of academic courses and practical field opportunities intended for the student who wishes to explore pre-professional preparation or to enter a career directly upon graduation. The academic and practical experiences are designed to assist the student in developing skills, insights, practical information, and academic background that relate to definite career choices.

Students interested in a program should apply to the program coordinator for a plan of study and field experiences. Students may enter a program no earlier than the sophomore year; normally, field experiences will not begin until the junior year. Programs and majors should not be confused; they are two different entities. The course work in any program does not constitute a major. For example, elementary education is a major; secondary education is a program; biology and chemistry are majors; pre-medicine is a program; Christian education is a major; church careers is a program.

While Centenary College encourages participation in a program, it is possible for a student to have a major and not be enrolled in a program. However, it is not possible for a student to receive a degree from Centenary College solely by participating in a program; he or she must also have a major.

PRE-PROFESSIONAL PROGRAMS

Certain programs are designed to prepare the student for graduate and professional school. The following is a list of the current pre-professional programs and program coordinators:

Church Careers	The Reverend Jayne Trammell-Kelly
Dentistry	Dr. Rosemary Seidler
Engineering	Dr. Joel Cannon
Health Administration	Dr. Beth Leuck
Law	Dr. Rodney Grunes

Mathematics/Computer Science	Dr. David Thomas
Medical Technology	Dr. Beth Leuck
Medicine	Dr. Rosemary Seidler
Nuclear Medicine Technology	Dr. Beth Leuck
Occupational Therapy	Dr. Beth Leuck
Pharmacy	Dr. Beth Leuck
Physical Therapy	Dr. Beth Leuck
Theology	Dr. Robert Ed Taylor
Veterinary Medicine	Dr. Bradley McPherson

THE PROGRAM FOR CHURCH CAREERS

The Centenary College School of Church Careers (CSCC) is a four-year pre-professional program designed to promote the intentional exploration of vocation in ministry. Entering its 20th year of operation, CSCC stands as a nationally-recognized model for encouraging students to understand the nature of professional ministry and to train the church professionals of the 21st century. Local parishes and social service agencies actively recruit persons endorsed by this program. While many students continue their academic studies in graduate schools, seminaries, or certification courses, others directly enter their field of professional ministry.

The CSCC community assists students in perceiving all possible vocations as places for ministry and service. Through a comprehensive method involving supervised internships, journal writing, worship, small group discussions, theological investigation, and fellowship, members of the CSCC community grow spiritually as they learn the power of theological diversity.

As students enter the CSCC community, they will share a common educational experience. All students will be asked to take foundation courses in Religion and Christian Education, regardless of their chosen major.

Introduction to Old Testament	REL 101
Introduction to New Testament	REL 102
Development of Christian Thought	REL 402
Introduction of Christian Education	REL 251
Two semesters of Practicum	REL 400

In addition to these courses, CSCC students must complete:

All program requirements, including Wednesday gatherings of the entire CSCC community, weekly small group experiences, journal writing, field education internships, special seminars, a written statement of faith and community retreats

All requirements for the student's chosen major

At least one year at the advanced level of field education.

Those students who meet these requirements are recognized for their successful completion of the CSCC program with a Certificate of Endorsement, a public affirmation that the student has demonstrated psychological wellness, satisfactory spiritual formation, sufficient organizational skills, an understanding of the Christian church and the ability to utilize theological language.

The CSCC program is comprised of persons from many different religious traditions. In the midst of this diversity, students possess a common quest for the meaning of religious vocation and an understanding of Christian faith. Our diversity provides an exciting context for learning and growth. Interested students should call the CSCC office for more information (869-5156).

PRE-LAW

The Association of American Law Schools considers it unwise for a college to specify one particular curriculum for all undergraduate students who intend to enter law school. Rather, it advises the student to select a major in a rigorous, demanding, and personally satisfying area of study.

Entering pre-law students who have not selected a particular academic major are assigned to a faculty member designated to assist such students in the choice of a major. Later both the major adviser and the pre-law adviser continue to advise pre-law students.

"THREE-TWO" (AND "THREE-ONE") PROGRAMS

Engineering Dual Degree Program (3-2 or Combined Plan)

Centenary, in cooperation with Case Western Reserve University, Columbia University, Louisiana Tech University, Texas A&M University, Southern Methodist University, and Washington University in St. Louis, offers a Dual Degree Program in liberal arts and engineering. (This program is sometimes referred to as a 3-2 Program or a Combined Plan.) Each student under this program pursues concentrated studies in the liberal arts and engineering sciences at Centenary for three years, followed by two or more years of study in professional engineering courses at one of the cooperating universities. The student earns a B.A. degree from Centenary in either mathematics or physics and the B.S. degree in engineering from the cooperating university. Students under this program are exempted from the senior seminar at Centenary. Students interested in the Dual Degree Program in Engineering should consult the coordinator of the program.

Mathematics/Computer Science

This program is designed to enable a student to finish two degrees in five years, a B.A. in mathematics from Centenary and a B.S. in computer science from Southern Methodist University. A student completing this program is prepared to work interchangeably in computer science and other mathematically related fields or to continue study in graduate school either in computer science or in pure or applied mathematics.

Since this program is planned to begin with a first course in calculus, the recommended high school background should include trigonometry and advanced mathematics.

Further information ay be obtained from Dr. David Thomas, Coordinator of Programs in Computer Science.

CAREER PREPARATION

The following is a list of current professional programs designed to prepare students for entry into a career immediately upon graduation; for additional information concerning any of these, contact the appropriate program coordinator.

ACCOUNTING (Major)	Dr. Barrie Richardson
BUSINESS/SPANISH (Major)	Dr. Arnold Penuel
CHURCH CAREERS	The Reverend Jayne Trammell-Kelly
COACHING	Dr. James Farrar
COMMUNICATIONS	Dr. Lee Morgan
COMPUTER SCIENCE	Dr. David Thomas
DANCE	Mrs. Ginger Folmer
EARLY CHILDHOOD EDUCATION	Dr. John Turner
ELEMENTARY EDUCATION (Major)	Dr. John Turner
JOURNALISM	Dr. Lee Morgan
GENERAL BUSINESS (Major)	Dr. Barrie Richardson
GEOLOGY (Major)	Dr. Austin Sartin
MUSEUM MANAGEMENT	Mr. Bruce Allen
PUBLIC ADMINISTRATION	Dr. Barrie Richardson
SECONDARY EDUCATION	Dr. John Turner

THE COURSE OF STUDY IN CONTEMPORARY ETHICAL ISSUES

Career education at a liberal arts college provides the student with a unique opportunity not only to acquire (1) special skills needed to secure the all-important entry job but also to master (2) liberal arts skills necessary for upward mobility and to obtain (3) broad background necessary for career flexibility and retraining. This course of study is designed to serve the second and third advantages of career education mentioned above.

Contemporary society has grown so complex and technological innovation so advanced that professionals face practical problems that earlier generations never even anticipated. But these practical problems involve ethical problems such as environmental pollution, genetic engineering, experimentation on humans, costly health care, artificial prolongation of life, rights of privacy and personal freedom, consumer rights and responsibilities of business. But ethical theories and practices of the past are too simple to handle today's complex problems. Hence, philosophers and professionals have become increasingly involved in discussions in the fields of business ethics, medical ethics, legal ethics, and environmental ethics - to mention only a few. Career education which acquaints students with such discussions in areas of their career interests is an education which gives these students greater understanding and better job skills. Organizations in public and private sectors have an increasing interest in ethical issues related to these organizations and in employees who are knowledgeable about such issues.

To prepare students in this area of career education, the Philosophy Department offers a progression of three courses in the Course of Study in Contemporary Ethical Issues. First, PHIL 202 introduces students to ethical theories used in any ethical discussion. Second, PHIL 395 or 396 introduces students to a wide spectrum of ethical issues confronting society today. Third, PHL 493 requires students to do an independent study in a particular area of the student's career interest, e.g., business ethics. During independent study, students are expected to choose as a consultant a professor in their major department or career program. Interested students are invited to contact a member of the Philosophy Department for further details about this program.

COURSE LISTINGS

On the following pages is a complete listing of the courses offered at Centenary College. In addition, a schedule of classes is published during the semester before each registration period which lists all sections of all courses to be offered during the succeeding session, together with the hour, day, and place of meeting, and generally the instructor in charge of each section.

Courses are numbered according to the class-year in which each is generally most profitably taken: 100-199 for freshmen, 200-299 for sophomores, 300-399 for juniors, and 400-499 for seniors. This is not an absolute restriction, but students wishing to take courses numbered higher than their current classifications should see the chairperson of the department concerned. Courses with numbers beginning with zero carry no college credit.

Unless otherwise pecified in the course description, courses normally offered in the fall semester bear odd numbers, while those offered in the spring semester carry even numbers. Courses with a single number are one-semester courses; those with double numbers are two-semester courses.

Courses organized so that the student may enroll in and receive credit for either half, or in either order, have double numbers separated by a comma: 205, 206. Year courses in which the first half is prerequisite to the second have double numbers separated by a hyphen: 205-206.

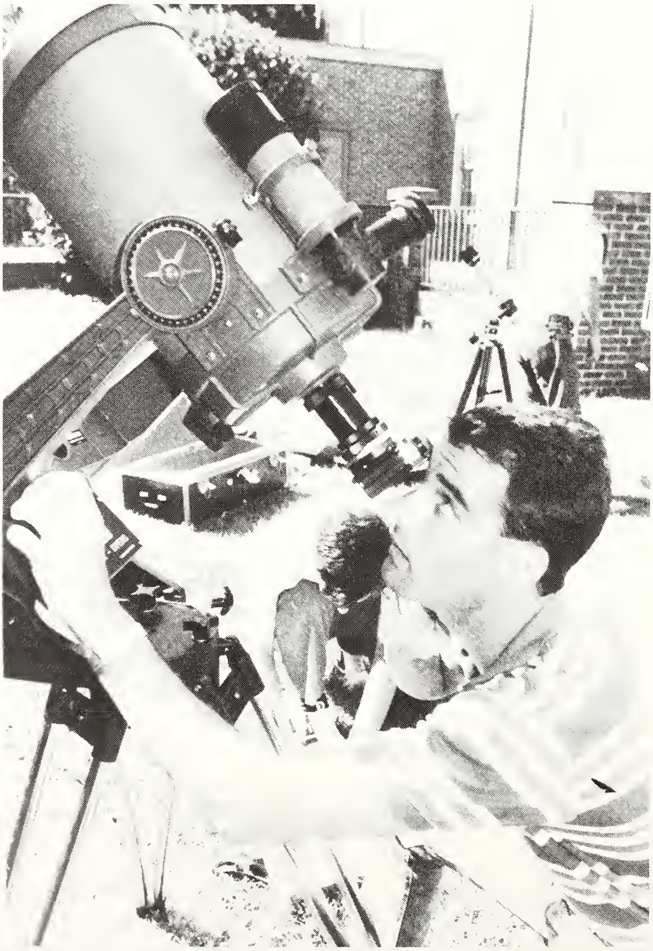
Certain special course numberings should be noted: The last digit in courses numbered 47-(required Senior Seminar), 48-(other departmental seminars) and 49-(Independent Study) reflect the number of hours credit. On transcripts, the numbers 295, 296, 395, 396 are used by the Registrar to transfer courses for which Centenary has no equivalent but which are acceptable as "Selected Topics."

Courses whose numbers are followed by a W, e.g. 357W, are designated as writing courses and will require a minimum of twelve typed pages of graded writing. The twelve pages may be small papers or one major paper. The focus is on quality of writing in the discipline, using the College style sheet or the acceptable style within that discipline. A vital part of the experience is intervention on the part of the faculty member to assist the student to reach a point of proficiency in writing.

Courses whose numbers are followed by an S, e.g. 395S, are designated as speech courses and will require at least forty-five minutes of total graded speaking time per student. The presentation(s) should be critiqued and graded on content and speech delivery. The speech(es) should contain prepared as well as spontaneous interaction to questions. Evaluation sheets will be completed for each presentation. Students with problems in speech presentation should have an opportunity to review critiques and make a second presentation. The emphasis is to improve oral communication skills.

To earn three hours' credit, the student normally spends each week three 50 minute periods in the classroom, or two or three such periods and three or more hours in the laboratory. The faculty has designated certain activity courses — in music, theatre, physical education, etc. — as one-semester-hour courses. (See pg. 60) No more than eight hours earned in such courses may be credited toward the basic degree requirements.

In the following listing of courses of instruction, the number of semester hours awarded for the course is specified to the right of the course title. In the offerings of some natural science departments, the number of weekly hours of class work and laboratory is shown in parentheses at the end of the description; for example, (3-3) indicates that the course requires three hours of lecture-discussion and three hours of laboratory work each week of the semester.



Astronomy students photograph the eclipse.

APPLIED SCIENCE

(APSC)

Professor B. Leuck, *Adviser*

300. SPECIALIZED STUDY (credit evaluated)
Centenary-approved enrollment in courses at an accredited university, medical school, or hospital to complete requirements for the Applied Science degree. See pages 75-79 for detailed program descriptions.

301-302. HUMAN ANATOMY AND PHYSIOLOGY 4-4
A systematic survey of the structure and function of the healthy human body. This is a basic but thorough course designed primarily for applied science and biology majors not planning to attend medical or dental school. (3-3) (Same as BIOL 301-302)

400. INTERNSHIP 3
Prerequisites: Junior standing and approval of the departmental faculty. Assignments in an applied biological work experience will involve a minimum of 120 hours. A final oral presentation and written summary of the semester's work are required. Offered on demand.

The dedication was held in the facilities housing the student-organized Service Learning Program.

ART

(ART)

Associate Professor: Allen, *Chairperson*
Lecturers: Johnson, Godfrey, Noland, Luck, Nelson

The Art Department is an integral part of the liberal arts program and is not intended to take the place of a professional art school, but rather to furnish a broad background of basic knowledge in order to increase the possibility of full expression. The goal of the department is to give the student sound training in drawing, painting, sculpture, art history, and technique and to encourage creative thinking and productivity.

For the B.A. in art a student must take thirty-eight (38) semester hours in the department, including:

REQUIREMENTS FOR A B.A. IN ART (WITH EMPHASIS ON PAINTING):

(1) Studio courses, which should be taken consecutively: 103, 203, 208, 303-304 (or 354), 401-402, and 472.
(2) 101-102: Survey History of Art.
(3) 212: Basic Sculptural Form or 211: Hand Built Pottery.
(4) 301: Printmaking.
(5) 307: Materials and Techniques of Painting.

Supportive courses required are:

(1) PHIL 205: Philosophy of Art.
(2) A foreign language through the intermediate level.

REQUIREMENTS FOR A B.A. IN ART (WITH EMPHASIS ON SCULPTURE):

(1) 103-104: Art Fundamentals.
(2) Studio courses, which should be taken consecutively: 212-213*, 312-313, 412-413, and 482.
(3) 101-102: Survey History of Art.
(4) 301: Printmaking.
(5) 307: Materials and Techniques of Painting.

Supportive courses required are:

(1) PHIL 205: Philosophy of Art.
(2) A foreign language through the intermediate level.

*ART 211 may be substituted for 213.

MINOR REQUIREMENTS:

ART 101-102, 103-104, 212-213* plus at least 6 hours of art courses at the 300+ level plus at least 6 hours of art courses at the 300 level.

*ART 211 may be substituted for 213.

MUSEUM MANAGEMENT PROGRAM

A student may major in any area and take the following courses: ART 101-102, 103, 305, 306; Foreign Languages 101-102, 201-202; PHIL 205; THSP 200; ACCT 203-204; BUSN 321 and 346; HIST 201-202; CSC 101 and an Internship in the Meadows Museum or a related area.

DEPARTMENTAL HONORS IN ART

For a student to be considered for admission to the Honors Program in Art, he or she must meet the general College requirements for admission to such programs. In addition, a student must undertake an independent studio or research project for four hours of credit beyond the thirty-eight required for an art degree. The results of the project must be presented in the senior exhibition or for publication and as an oral presentation before an audience that includes the art faculty.

LABORATORY FEES

A laboratory fee of $35.00 per course is charged for each course requiring additional supplies. This fee does not cover charges for breakage.

001-002. ART STUDIO AND CRITIQUE 0-0

All art majors are required to register for Art Studio every semester in which they are enrolled at Centenary. Students meet on a regular basis to review work and critique each others work.

101. SURVEY HISTORY OF ART 3

A historical survey of painting, architecture, and sculpture from prehistoric times through the Middle Ages.

102. SURVEY HISTORY OF ART 3

A history from the Italian Renaissance to the contemporary schools in Europe and the United States.

103. ART FUNDAMENTALS 3

Basic training stressing draftsmanship and the elements of two and three-dimensional design. Drawing done in black and white and in color. Compositions are brought in for a weekly criticism class. This course, or its equivalent, is prerequisite to all advanced studio courses. Six studio hours a week.

107. ART APPRECIATION 3

Arts of the past and present studied in relation to their social and cultural backgrounds. No credit toward an art major.

203-204. ADVANCED DRAWING AND COMPOSITION 3-3

The essentials are still stressed with more experiments with different media and methods of expression. Outside compositions done for a weekly criticism class. Six studio hours a week.

207. ART FOR THE ELEMENTARY TEACHER 3

A study of art education as it relates to child growth and development. Emphasis is placed on methods of teaching and the development of functional art program for grades K-8.

208. PERSPECTIVE DRAWING 3

Basic training emphasizing draftsmanship and rendering of 3-dimensional space and objects using traditional drafting techniques. (Same as THSP 208)

211. HAND BUILT POTTERY 3

Basic clay techniques including the design and creation of a variety of pottery forms by hand built and molded methods, along with practice in kiln loading and firing. Four hours of lecture and studio per week with outside work.

212-213. BASIC SCULPTURAL FORM 3-3

The basic aspects of sculpture are explored by working with clay, plaster, wire, string, wood, cardboard and other simple materials. Four hours of lecture and studio per week with outside work.

217. INTRODUCTION TO PHOTOGRAPHY 3

An introduction to the basic principles of photography as an art form, focusing upon composition, types of cameras, fundamental lens designs, and printing. Students furnish their own adjustable cameras and supplies. Offered during fall semester, Prerequisites: None.

301-302. PRINTMAKING 3-3

Prerequisite: ART 203 or instructor's approval. A study of the processes involved in the making and printing of etchings, woodcuts, linoleum block prints, and lithographs, with lecture and studio practice. Three hours a week with outside work.

303. PAINTING I 3

Proficiency in the use of oil paints is regarded as basic, but the student is encouraged to experiment with other media. Outside compositions will be brought in each week. Six studio hours a week.

304. PAINTING II 3

Proficiency in the use of oil paints is reguarded as basic, but the student is encouraged to experiment with other media. Outside compositions will be brought in each week. Six studio hours a week.

305W. HISTORY OF AMERICAN ART 3

The cultural and artistic development of our nation over the last 400 years as expressed in painting, sculpture, architecture, graphic arts, the decorative arts, and city planning.

306S. FOUNDATIONS OF MODERN ART 3

The development of artistic independence in France (from Neo-Classicism to Cubism) is studied in its social, political and economic context.

307. MATERIALS AND TECHNIQUES OF PAINTING 3

Prerequisite: ART 204 or instructor's approval. A systematic study of the less common methods of paintings, including encaustic, polymer, eggtempera, casein, and plastics and an examination of the techniques of some of the old masters. Lecture, studio, and outside work.

308. MATERIALS AND METHODS IN ART 3

A study of art education as it relates to middle and upper school students, with emphasis on developmental capabilities. Stress is placed on methods of teaching art and developing programs involving both two and three dimensional concepts for grades 7-12.

311. ADVANCED POTTERY 3

Prerequisite: ART 211 or instructor's approval. Advanced clay forming techniques will include wheel thrown, large scale slab construction, complex molds and others. In addition, the practices of glazing and firing will be further explored. Four hours of lecture and studio per week, with outside work.

312-313. SCULPTURE 3-3

Prerequisite: ART 103-104, ART 212-213. The materials and techniques of sculpture are explored through classroom projects and assignments in areas such as: carving, modeling, constructing, welding, moldmaking, and casting. Four hours of lecture and studio per week plus outside work.

317. ADVANCED PHOTOGRAPHY 3

Prerequisite: Art 217 or Instructor's approval. A continuation of the study of basic photography as an art form, focusing upon composition, printing, lighting design, and studio photography. Students furnish their own adjustable cameras and supplies. Offered during Spring Semester.

354. SCENE PAINTING AND RENDERING TECHNIQUES 3

Prerequisite: ART 103. A practical study of large scale painting and rendering. Spring. (Same as THSP 354)

395-396. SELECTED TOPICS 3-3

Prerequisite: Permission of the chairperson of the department. Courses which deal with different topics or problems each semester (e.g. artists, styles, historical periods, studio problems, etc.).

400. ART INTERNSHIP 3

Supervised internship with an approved employer in an appropriate professional area such as museum work, commercial art nd arts administration. Students are required to submit a term paper or project of equivalent value to the program director at the end of the internship. May be repeated for credit in another area. Offered on demand.

401-402. ADVANCED PAINTING 3-3

During the final year the student is encouraged to develop a personal philosophy of painting. Instruction will depend largely upon the needs and natural inclinations of the individual student. Each student will have a senior exhibit of his/her best work. Outside compositions will be brought in each week. Six studio hours a week.

412-413. ADVANCED SCULPTURE 3-3

Prerequisite: ART 312-313. During the final year the student is encouraged to develop a personal philosophy of art. Instruction will depend largely upon the needs and natural inclinations of the individual student. Each student will have a senior exhibit of his/her best work. Four studio hours a week with outside work.

472. SENIOR SEMINAR 2

Prerequisite: Instructor's approval. A review of the history of art, and the facts and principles which are emphasized in all the courses required for a major in art. Second semester.

491-496. INDEPENDENT STUDY IN ART 1-6

Open to qualified students by permission of department chairperson. Work may be done in research and reading or studio related areas. The student will follow a work plan arrived at in cooperation with the instructor and must consistently furnish evidence of seriousness of purpose.

199. MODULE STUDIES 3

Special topics offered during the Module.

BIOLOGY

(BIOL)

Professor B. Leuck, *Chairperson*
Professors: McPherson, E. Leuck
Associate Professor: Greer

Courses in this department are designed to emphasize the cultural values of the life sciences and to apply biological concepts to man. The program provides a broad background for the non-science student as well as the future biologist. Classroom and laboratory experiences are complemented by off-campus opportunities designed to prepare students for graduate study in biology. The biology curriculum is the appropriate choice in preparation for numerous professions related to the life sciences.

MAJOR REQUIREMENTS FOR THE B.S. IN BIOLOGY

1. Thirty-six semester hours in biology courses including 103, 104, 201, and 313. Sixteen hours must be 300-level or above.
2. Supportive courses:
   8 hours in Organic Chemistry 201, 211, 202, 212.
   6 hours in General Physics 104 and 105.
   Mathematics through Calculus II.

MAJOR REQUIREMENTS FOR THE B.A. IN BIOLOGY

1. Thirty-two semester hours in biology courses including 103, 104, 201, and 313. Sixteen hours must be 300-level or above.
2. Supportive courses:
   Chemistry through Organic 201, 211, 202, 212.
   Mathematics 107 or higher level.
   Statistics, any sequence presently taught.
   Foreign language through intermediate level.

High school graduates who have completed advanced courses in high school biology and who have taken Advanced Placement or CLEP tests should meet with the department chairperson to consider modified programs based on their achievement scores.

MINOR REQUIREMENTS FOR BIOLOGY

Students electing to minor in biology should take 20 hours of biology including 103, 104 and 8 hours elected from 301-302, 308, or 313. Education majors considering this option should consult state certification requirements. (see pp. 105-106, 108-113).

DEPARTMENTAL HONORS IN BIOLOGY

For a student to be considered for admission to the Honors Program in Biology, he or she must meet the general College requirements for admission to such programs. In addition to the general requirements, a student in the Biology Honors Program must undertake an independent research project for four semester hours of credit beyond the thirty-six hours required for the biology degree. The results of the research must be presented in a form acceptable for publication and as an oral report before an audience that includes the biology faculty.

LABORATORY FEES

A laboratory fee of $35.00 per course is charged for each course requiring use of a laboratory. This fee does not cover charges for breakage.

All students enrolling in the department must complete BIOL 103 and 104 as prerequisites for all other course work in biology at the 300 level or above. Students first taking 101/111 may enroll in 103, 104, or 201.

101. PRINCIPLES OF BIOLOGY 3 **(Lab must be taken with course.)**
A study of the general principles and phenomena common to all living organisms, including the cell concept, chemical basis of metabolism, cell division, genetics, protein synthesis, evolutionary processes, plant and animal anatomy and physiology, organismal diversity, ecological principles. Each semester. (3)

111. PRINCIPLES OF BIOLOGY LABORATORY 1
Prerequisite: concurrent registration in or credit for BIOL 101. Biology 101 may not be taken without the laboratory unless previous credit for laboratory has been obtained. Laboratory work is designed to reinforce biological concepts taught in Biology 101 by observation and application of the scientific method. Each semester. (3)

103. INTRODUCTION TO CELL BIOLOGY 4
A survey of the fundamental principles of cell structure and function; including the variety of cell types, cellular metabolism, cellular reproduction and genetic principles. (3-3)

104. GENERAL ZOOLOGY 4
Prerequisite: Biology 103 or permission of instructor. An introduction to the principles of animal structure, function and evolution. The first half of the course emphasizes physiological processes common to all animals, and the second half stresses the diversity among and evolution of multicellular animals. (3-3)

201. GENERAL BOTANY 4
The course deals with the structural modifications of plants relative to their function and resultant ecological diversity. Emphasis will be placed on internal and external processes as they relate to plant cultivation and survival. A survey of the ecological, evolutionary, and phylogenetic relationships among major plant groups will be presented. (3-3)

301-302. HUMAN ANATOMY AND PHYSIOLOGY 4-4
A systematic survey of the structure and function of the healthy human body. This is a basic but thorough course designed primarily for applied science and biology majors not planning to attend medical or dental school. (3-3) (Same as APSC 301-302)

312. COMPARATIVE ANATOMY 5
A comparative study of the vertebrate systems and their phylogenetic development. Dissections are made of the shark, mudpuppy, and cat. Yearly. (3-6)

308W. MICROBIOLOGY 4
A survey of microorganisms and their role in nature. The importance of bacteria, fungi, and viruses as agents of disease will be considered. The laboratory will emphasize bacterial and fungal form, function, culture and control. Yearly. (3-3)

310. PLANT SYSTEMATICS 4
A treatment of concepts in systematic thought as well as a thorough treatment of vascular plant taxonomy that emphasizes elements of the regional flora. Spring of even-numbered years. (3-3)

311. PHYSIOLOGICAL PSYCHOLOGY 3
Offered yearly. (Same as PSY 311)

313W. GENETICS 4

The fundamental concepts of heredity with consideration given to both modern and classical genetics. Microorganisms, as well as Drosophilia, are used in the laboratory to acquaint the student with the procedures and techniques used by the geneticist. Yearly. (3-3)

321. BIOCHEMISTRY I 3

Prerequisites: CHEM 202, 212. A study of the organic, physical, and structure-function relationships of biomolecules and their catabolic processes. (Same as CHEM 321)

322W. BIOCHEMISTRY II 3

Prerequisites: CHEM 202, 212, 321. A study of biochemical systems and the relation of biochemical functions to molecular structure. Offered yearly. (Same as CHEM 322)

371S. BIOLOGICAL TOPICS 2

A review of current research from the many areas of biology. Oral presentations of major papers will be presented. Yearly.

395,396. SELECTED TOPICS 1-4

Prerequisite: Depends upon topic. A detailed study of an area of biology not normally covered in regular courses. This course may be repeated for credit for different topics. Topics that will be offered frequently will include Physical Anthropology, Plant Morphology, Ecology, Microtechnique, Animal Behavior, Vertebrate Biology, Molecular Genetics, and Virology, an S course.

398. COLLOQUIUM, OAK RIDGE SEMESTER 1

Prerequisites: Junior standing and admission by ACS Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff at Oak Ridge National Laboratory under supervision of resident ACS faculty. (Same as, CHEM 398/MATH 398/PHYS 398)

399. RESEARCH, OAK RIDGE SEMESTER 1-6

Prerequisites: Junior standing and admission to the program by the ACS Selection Committee. Research performed through participation in the ACS-Oak Ridge Semester Program under supervision of senior staff at Oak Ridge National Laboratory. (Same as CHEM 399/MATH 399/PHYS 399)

400. INTERNSHIP 3

Prerequisites: Junior standing and approval of the departmental faculty. Assignments in an applied biological work experience will involve a minimum of 120 hours. A final oral presentation and written summary of the semester's work are required. Offered on demand.

401. HISTOLOGY 4

Prerequisite: BIOL 207 or 302. Microscopic study of the tissues and organs of the human body. Fall of odd-numbered years. (2-6)

402W. ANIMAL PHYSIOLOGY 4

BIOL 302 and CHEM 202 are recommended. The course will emphasize the application of the fundamental principles of organismal physiology to the physiological adaptation of organisms, including man, to their environments. Spring of odd-numbered years. (3-3)

403W. ANIMAL BEHAVIOR 3

A study of the evolutionary, physiological and social behavior of animals in their natural habitats. Emphasis is placed on the theoretical aspects of why animals behave as they do. Fall of even-numbered years. (Same as PSY 403)

404W. EMBRYOLOGY 4

Prerequisites: BIOL 313; CHEM 201-202. A study of gametogenesis, fertilization, and the early embryonic development of vertebrates with an emphasis on the cellular and molecular control of differentiation. Spring of even-numbered years. (3-3)

406. IMMUNOLOGY 4

Prerequisites: BIOL 308, BIOL/CHEM 321. A survey of basic immunological concepts with an emphasis upon immunochemistry, immunogenetics and cell-cell interactions. Laboratory exercises consist of techniques in clinical and research immunology. Spring of even-numbered years. (3-3)

408. VERTEBRATE BIOLOGY 4

A survey of the vertebrates and their role in the ecosystem. Emphasis will be placed on the identification, phylogeny and systematics of Louisiana vertebrates. Spring of odd-numbered years. (3-3)

471. SENIOR SEMINAR 1

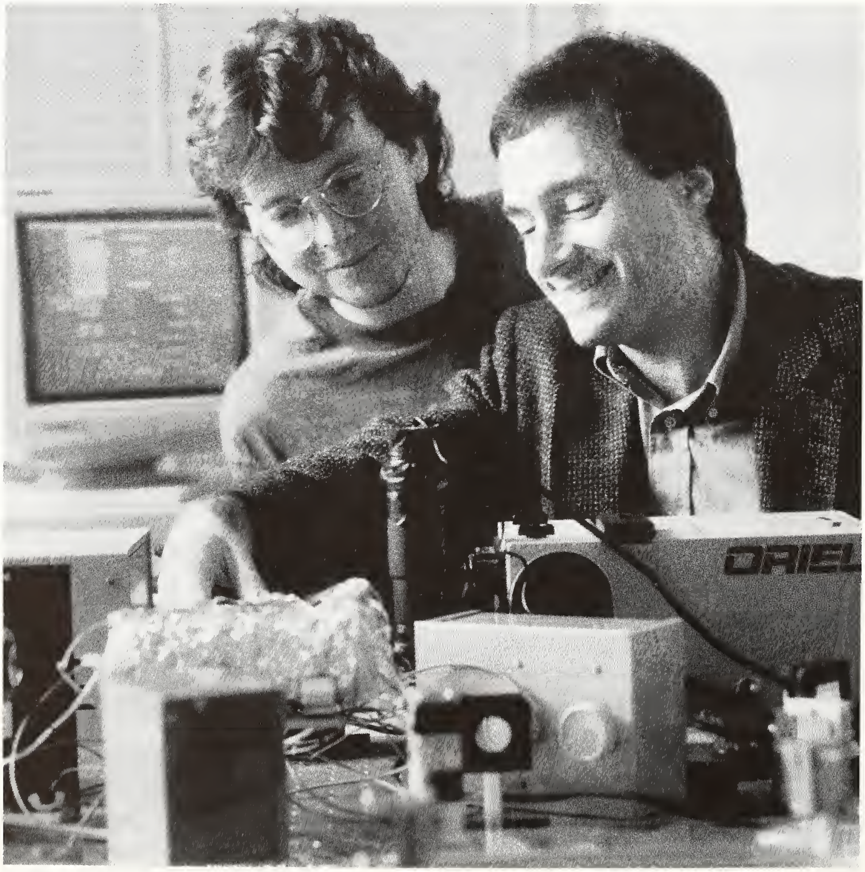
Students will research topics of current biological interest and lead discussion of their research. Yearly.

491-496. INDEPENDENT STUDY 1-6

Prerequisite: 20 semester hours of biology. Each candidate must submit a written proposal for departmental approval in advance of his/her intention to register for this type of study. Experimental work on an assigned problem. A final written report and oral presentation are required.

199. MODULE STUDIES 3

Special Topics offered during the Module. Past topics have included Food Botany, Louisiana Communities, Marine Ecology, Flocking Bird Behavior, Natural History of Louisiana Animals, Tropical Ecology, and Island Biology and Natural History.



Biophysics research at Centenary College: laser spectroscopy of biological molecules.

BIOPHYSICS

(BPHY)

Assistant Professor Rodriguez, Adviser

Biophysics in an approach to biology from the perspective of the physical sciences. This major offers Centenary students the opportunity to obtain an interdisciplinary degree in a growing field that is fueling fundamental discoveries in biology and medicine. Biophysicists concern themselves with such topics as the structure-function relation of proteins and nucleic acids, photosynthesis, biological transport processes, sensory systems, and computer modeling. Their methods include laser spectroscopy, magnetic resonance, x-ray crystallography, tunneling microscopy, and many other novel investigative tools. Their discoveries have resulted in many advances in medicine such as laser surgery and magnetic resonance imaging.

Centenary has the distinction of being one of the first liberal arts institutions in the nation to offer an undergraduate B.S. degree in biophysics. The curriculum for the biophysics major was designed in consultation with major research universities and medical institutions from around the nation as well as our own Biology, Chemistry, and Physics Departments.

The curriculum for this major is outlined below.

MAJOR COURSE REQUIREMENTS

BIOLOGY 103, 313, 321, 322
PHYSICS 001, 104, 114, 105, 115, 204, 214, 301*, 302*, 305, 317
CHEMISTRY 101, 111, 102, 112, 201, 202, 211, 212, 324, 351, 353
BIOPHYSICS 471

*PHYS 301 and 302 may be substituted by a summer research internship.

SUPPORTIVE COURSES

MATH 115, 201, 202

OPTIONAL COURSES

Students considering medical or Ph.D. programs in biomedicine are strongly encouraged to take BIOL 104 and 402. Those pursuing Ph.D. programs in biophysics and chemistry should consider taking CHEM 352 and 354.

471. BIOPHYSICS SEMINAR 3

Topics in biophysics. Students will research current areas of interest in biophysics and make an oral presentation to the class.

SCHOOL OF BUSINESS

Professor Richardson, *Dean*
Professor: Wilcox
Associate Professors: Christensen, Rankin, Hoaas
Adjunct Professor: Ramey
Assistant Professor: Davis, Mason

ACCOUNTING

(ACCT)

The accounting curriculum leading to the degree of Bachelor of Science, provides a thorough education in the field of accounting. This specialized knowledge of accounting together with a broad liberal arts and business background is designed to prepare students: (1) for careers in accounting management; (2) for further academic work; (3) for careers in public accounting; and (4) for appropriate trainee positions in government.

MAJOR REQUIREMENTS FOR THE B.S. IN ACCOUNTING

1. Required Accounting courses are 203-204, 305-306, 309, 311, 335, 336, 407, 409, 473, and six (6) hours elected from 312, 418, 421, or 424 which must include either 418 or 421.
2. Supportive requirements in business are 321, 325, and 346.
3. Supportive requirements in Economics are 101, 303, 311, 312, and 329.
4. Other supportive requirements include MATH 109 or higher and CSC 101 or higher. (These courses may not be taken Pass/Fail.)

CPA EXAMINATION REQUIREMENTS

Effective December 31, 1996, Louisiana Law states that to qualify to sit for the CPA exam, one must possess one hundred fifty (150) semester hours of college credit. In addition to this overall education requirement, the following specific criteria also apply:

24 hours in accounting beyond elementary, including at least:
    9 hours in financial and cost accounting
    3 hours in auditing
    3 hours in tax
    9 hours in accounting electives
    AND
24 hours in general business, including at least three hours of business law.

To satisfy the necessary coursework required by the law, the School of Business offers the Master of Science in Management (MSM) degree program as one option available to accounting majors. Please see the graduate catalog for program requirements.

MINOR REQUIREMENTS

Students who desire to earn a minor concentration in accounting must satisfy the following requirements:

ACCT 203-204	Principles of Accounting I & II	6 hours
ACCT 309	Cost Accounting	3 hours
ACCT 311	Income Tax Accounting I	3 hours
	Electives in Accounting (except ACCT 335 & 336)	6 hours
		18 hours

Prerequisites: All accounting courses at or above the 300-level have ACCT 204 as a prerequisite. Also, unless waived by the department, the supportive requirement in computer science must be completed before enrollment in upper division courses.

203. PRINCIPLES OF ACCOUNTING I 3
Prerequisite: Sophomore standing or consent of instructor. An introductory course intended to familiarize the student with the fundamental principles and methods of preparing and analyzing financial statements. Fall.

204. PRINCIPLES OF ACCOUNTING II 3
Prerequisite: ACCT 203. An introduction to management's uses of accounting data for planning and control. Topics covered include content and interpretation of the income statement and balance sheet, uses of cost accounting, budgetary planning and control, and internal reports for management. Spring.

305-306. INTERMEDIATE ACCOUNTING I and II 3-3
Prerequisite: ACCT 204. An intensive study of basic accounting practices and theory relating to financial reporting.

309. COST ACCOUNTING 3
The objectives and procedures of cost accounting for manufacturing firms. Topics include: job order and process cost systems, cost-volume-profit relationships, standard costing and variance analysis, direct costing, relevant costs, and budgeting.

311. INCOME TAX ACCOUNTING I 3
Background, principles, and procedures for the determination of taxable income as a basis for the individual federal income tax. Includes individual tax research and preparation of tax returns.

312S. INCOME TAX ACCOUNTING II 3
Prerequisite: ACCT 311. Background, principles and procedures for the preparation of corporate, partnership, estates and trusts tax returns. Includes practice in the methodology of tax solutions.

315. MANAGERIAL ACCOUNTING 3
The use of data contained in accounting records by management in making decisions concerning pricing, expansion, production, and forecasting. Primarily for non-accountants, but helpful for accounting majors. On demand.

335. BUSINESS LAW I 3
Prerequisite: Accounting major and the consent of the accounting department. A course in commercial law as it affects accountancy. Topics include, but are not limited to, sales, commercial paper, bankruptcy, contracts, etc. Fall.

336. BUSINESS LAW II 3
Prerequisite: ACCT 335. A continuation of ACCT 335 for those intending to take the CPA exam. Spring.

350. OIL AND GAS ACCOUNTING 3
Accounting for the production, refining, and distribution of oil and gas with emphasis on production.

395,396. SELECTED TOPICS 3,3
Prerequisite: Consent of instructor. A detailed study of an area of accounting not normally covered in regular accounting courses.

400W or S. INTERNSHIP IN ACCOUNTANCY 3
Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of accounting constructs. A written and/or oral report on the internship is required. May be offered as a W or S course.

407. ADVANCED ACCOUNTING 3
Prerequisite: ACCT 306. Accounting principles and procedures relating to specialized topics, including bankruptcy, partnerships, estates and trusts, consolidated entities and foreign currency reporting.

409. AUDITING 3
Prerequisite: ACCT 306. A study of auditing theory and procedures involved in examining and reporting on financial statements. Includes working paper techniques and special investigation.

418W. FINANCIAL ACCOUNTING THEORY 3
Prerequisite: ACCT 306. A study of concepts and procedures of financial accounting as stated in pronouncements and releases of the major accounting associations.

421. GOVERNMENTAL ACCOUNTING 3
Financial and managerial accounting concepts peculiar to not-for-profit entities.

424. ACCOUNTING INFORMATION SYSTEMS 3
Prerequisite: Any course in Computer Science. A study of accounting information systems design and implementation with emphasis on the information and control functions of the management decision-making process.

473. SENIOR SEMINAR 3
Senior standing and permission of instructor. Study of a topic which integrates the student's coursework in accounting. Students will present and defend their final projects.

491-496. INDEPENDENT STUDY 1-6
Each candidate must submit written proposal for departmental approval in advance of the student's registration for the course.

199. MODULE STUDIES 3
Special topics offered during the Module.

BUSINESS

(BUSN)

There is general agreement today that people in business need education in the liberal arts. Courses in the humanities, in mathematics and natural sciences, and in the social sciences equip the business person with the analytical ability and breadth and flexibility of mind necessary to relate to the complex interrelationships of business and the society as a whole. The liberal arts is the cornerstone for Centenary's business major.

The courses in business emphasize the basic skills on which the student can build a successful career through experience obtained after he/she completes college. Quantitative areas are stressed to facilitate the student's use of quantitative data for decision-making. The behavioral sciences are emphasized to provide the student with a better understanding of the behavioral patterns of formal organization and the problems which arise when people attempt to achieve common goals.

Students may be admitted to the Departmental Honors Program if they have attained junior standing and meet the other requirements. For details, consult the Dean of the School of Business.

MAJOR REQUIREMENTS FOR THE B.S. IN BUSINESS ADMINISTRATION

1. Twenty-seven hours of business courses including ACCT 203-204, BUSN 321, 323, 325, 346, 380S or PHIL 395S, and 473.
2. Supportive courses required are ECON 101, 303, 311 and 312, MATH 109 or any other course in Calculus, and CSC 101 or higher. (These courses may not be taken Pass/Fail.)
3. Prerequisites: ECON 101 and ACCT 204 and CSC 101 or higher are prerequisites to all upper level business courses. ECON 303 and MATH 109 are also used in many upper level courses. Persons who wish to take a minor or elect an upper level business course should check with the instructor before enrolling.

MAJOR REQUIREMENTS FOR THE B.S. IN BUSINESS FOR THE BUSINESS/SPANISH COORDINATE PROGRAM

This coordinate program with the Department of Foreign Languages is designed to prepare the business student to work in a Spanish-speaking country or a Spanish-speaking area of the United States. The student admitted to this program will normally major in business and will receive a B.S. degree.

1. Required courses in Business are 321, 323, 325, and 346, 380S or PHIL 395S.
2. Required courses in Economics are 101, 303, 311, and 312.
3. Required courses in Accounting are 203-204.
4. Required courses in Spanish beyond 202 are 206, 305, 308, and a 400-level course. Certain of these courses are flexibly designed to permit the students to familiarize themselves with the specialized vocabulary and literature of their field of interest.
5. Supportive requirements:
    A. MATH 109 or higher.
    B. HIST 341 or PSC 306.
    C. A computer science course.

Inquiries concerning the program should be addressed to Dr. Arnold M. Penuel of the Foreign Languages Department.

MINOR REQUIREMENTS IN BUSINESS ADMINISTRATION

Students who desire to earn a minor concentration in Business Administration must satisfy the following requirements:

ECON 101	Introduction to Economics	3 hours
ACCT 203-204	Principles of Accounting I & II	6 hours
BUSN 321	Principles of Management	3 hours
BUSN 346	Principles of Marketing	3 hours
	Elective in Business Administration	3 hours
		18 hours

Prerequisites for all 300-and 400-level courses in business are: ACCT 204, ECON 101, MATH 109 or higher, and unless waived by the department, the supportive requirement in computer science must be completed before enrolling in upper division courses.

207. COMMUNICATION FOR BUSINESS AND THE PROFESSIONS 3
Instruction and practice in the various forms of practical communication, such as correspondence and reports. On demand. (Same as ENGL 207)

295, 296. SELECTED TOPICS 3
A detailed study of an area of business not normally covered in regular business courses. On demand.

321W. PRINCIPLES OF MANAGEMENT 3
A study of organizational theory, policies, and procedures common to all institutions charged with the responsibility of achieving a common goal. Fall and Spring.

322. PERSONNEL MANAGEMENT 3
Prerequisite: BUSN 321 or consent of instructor. A survey of the organization and administration of personnel departments, education and training policies, wage policies, and the maintenance of favorable industrial relations. On demand.

323. LEGAL ENVIRONMENT OF BUSINESS 3
A study of the legal aspects of business transactions and the legal environment in which entities operate. Fall and Spring.

325. BUSINESS FINANCE 3
A study of the channels for obtaining capital for corporate promotion, expansion, and reorganization. Financial management analysis. Fall.

328. HUMAN RELATIONS 3
A study of individual, small group, and organizational behavior in the business setting. The problems of motivation and communication are studied in goal-oriented activity. On demand.

340S. INTERNATIONAL BUSINESS 3
Prerequisite: Junior or Senior standing. A study of business activities that cross national boundaries. Includes exports and imports, foreign direct investment, international banking, international transfer of technology, global business strategy and international marketing and law. This course presents a panorama of the most important activities in international business. International economic institutions and the theory of international trade will be studied. (Same as ECON 340S.)

346. PRINCIPLES OF MARKETING 3
A study of distribution of goods and services from producer to consumer. Channels of distribution, marketing functions, institutions, and costs. Fall and Spring.

354. ADVANCED JOURNALISM: ADVERTISING AND PUBLIC RELATIONS 3
Prerequisite: ENGL 251 or permission of chairman of the department. Analysis and evaluation of the mass media for advertising purposes; principles and practice of public relations as they pertain to the communications media. On demand. (Same as ENGL 354)

380S. SOCIAL RESPONSIBILITY OF BUSINESS 3
A study of the social role and responsibility of business considering both the internal and external environments of the firm. Evaluation of the social responsibility of the firm to the consumer, the employee, and the management. Coverage of the values evidenced by the management of modern business. Junior standing.

395,396. SELECTED TOPICS 3,3
Prerequisite: Consent of instructor. A detailed study of an area of business not normally covered in regular business courses. On demand.

400A. INTERNSHIP IN BUSINESS ADMINISTRATION 3
Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of administrative principles by first-hand experience in various public and

private agencies. May be repeated once for credit. Consent of the instructor necessary before registering.

400J. INTERNSHIP IN JOURNALISM 3

Prerequisite: Grade of C or better in the advanced journalism course in the area of the internship. Supervised internship with an approved employer in any of the professional areas covered by the Journalism Program, such as marketing, advertising, public relations, and news or feature writing. Students will be required to submit a term paper or project of equivalent value to the program director at the end of the internship. May be repeated for credit in another area.

408. QUANTITATIVE DECISION-MAKING 3

Prerequisite: ECON 303. A study of the development and use of quantitative analytical techniques in decision-making. On demand.

421. OPERATIONS MANAGEMENT 3

This course will cover the topics of quantitative decision-making theories, linear programming, logistics, work design, work teams, and material planning. Emphasis will be on contemporary policies and approaches to total quality management (TQM).

426. INVESTMENTS 3

A study of the principles and problems determining sound investment policy. Spring.

473. SENIOR SEMINAR 3

Senior standing and permission of instructor. Study of a topic which integrates the student's coursework in business. Students will present and defend their final project.

483. SEMINARS 3

Prerequisites: Junior or Senior standing and permission of instructor. Study of a specific topic in the area of business with student participation and research.

491-496. INDEPENDENT STUDY 1-6

A reading and research course open to seniors by invitation.

199. MODULE STUDIES 3

Special topics offered during the Module.

ECONOMICS

(ECON)

Economics offers education for students interested in understanding our economic society, both public and private institutions. The program is broad in nature. Majors may choose to pursue graduate study in economics, business administration, law, public administration, international relations, and other areas.

Students may be admitted to the Departmental Honors Program if they have attained junior standing and meet the other requirements. For details contact the Dean of the School of Business.

MAJOR REQUIREMENTS FOR THE B.A. IN ECONOMICS

1. Thirty-three hours in economics must include 101, 303, 311, 312, 329, 452, and 473.
2. ACCT 203-204 (prerequisites for all 300- and 400-level courses in business, economics, and accounting) are required. BUSN 325, 408, 414, and 426 may be taken to satisfy major requirements with the approval of the adviser.
3. Supportive requirements are MATH 109 or higher and CSC 101 or higher. (These courses may not be taken Pass/Fail.)

MINOR REQUIREMENTS

Students who desire to earn a minor concentration in Economics must satisfy the following requirements:

ECON 101	Introduction to Economics	3 hours
ECON 303	Statistics	3 hours
ECON 311	Intermediate Microeconomic Theory	3 hours
ECON 312	Intermediate Macroeconomic Theory	3 hours
	Electives in Economics	6 hours
		18 hours

ACCT 203-204 are prerequisite for all Economics Courses numbered 300 and above; also, unless waived by the department, the supportive requirement in computer science must be completed before enrollment in upper division courses.

101. INTRODUCTION TO ECONOMICS 3
An introductory study of essential concepts for understanding economic activity and economic issues involving public policy at the national level. Prerequisite for all 300- and 400-level courses.

295,296. SPECIAL TOPICS IN ECONOMICS 3,3
A study of specialized topics in economics not normally covered by other courses. On demand.

303. STATISTICS 3
Prerequisite: MATH 109. A study of descriptive statistics, probability, probability distributions, sampling techniques, estimation, hypothesis testing, regression and correlation, and time series analysis.

308W. ECONOMIC HISTORY OF THE U.S. 3
The development of economic activities in the changing U.S. institutional patterns. On demand.

311. INTERMEDIATE MICRO-ECONOMIC THEORY 3
Prerequisite: MATH 109. Economic theories of individual and business decision-making and their effects on the production and allocation of economic goods. Fall and Spring.

312. INTERMEDIATE MACRO-ECONOMIC THEORY 3
Prerequisite: MATH 109. Neoclassical, Keynesian, and modern theories of the determination of aggregate economic activity and their empirical relevance. Fall and Spring.

324. LABOR ECONOMICS 3
Development of labor movements, collective bargaining, wages and employment, and public policy. On demand.

326W. PUBLIC FINANCE 3
Revenue and expenditure policies of the public sector; the public-private mix in resource allocation and distribution. On demand.

329. MONEY AND BANKING 3
The structure and operation of money and banking institutions, with emphasis on the role of money, banking, and monetary policy in the economic life of the community. Fall.

340S. INTERNATIONAL ECONOMICS 3
Prerequisite: Junior or Senior standing. A study of business activities that cross national boundaries. Includes exports and imports, foreign direct investment, international banking, international transfer of technology, global business strategy and international marketing and law. This course presents a panorama of the most important activities in international business. International economic institutions and the theory of international trade will be studied. (Same as BUSN 340S.)

344. RESOURCE AND ENVIRONMENTAL ECONOMICS 3
A study of the economic problems unique to natural resources and environmental quality.

351S. EVOLUTION OF ECONOMIC THOUGHT 3
Introduction to the major schools of thought and theories that have contributed to economic principles. On demand.

361-363. READINGS IN ECONOMICS 1-3
Enrollment limited to economics majors. Students will read and discuss journal articles and classics in the field. The course may be repeated.

395,396. SPECIAL TOPICS IN ECONOMICS 3,3
A study of specialized topics in economics not normally covered by other courses. On demand.

400. INTERNSHIP IN ECONOMICS 3
Designed to provide an opportunity for students to expand their theoretical knowledge and practical application of economic principles by first-hand experience in various public and private agencies. A written and/or oral report on the internship is required. Consent of the instructor is necessary before registration.

411. INDUSTRIAL ORGANIZATION 3
The economics of government regulation in the institutional setting of the U.S. and the private enterprise system. Recommended for political science, history, and sociology majors. On demand.

441. ADVANCED INTERNATIONAL ECONOMICS 3
Prerequisite: ECON 340. An advanced study of the topics of international trade and finance. The topics of study will include: the balance of payments, determination of exchange rates, the history of international monetary systems, tariff theory, tariff policy, and a history of U.S. commercial policy.

452. ECONOMETRICS AND QUANTITATIVE ANALYSIS 3
Prerequisite: ECON 303. An introduction to the use of statistical techniques and mathematical model-building as predictive tools for both micro-economic and macro-economic applications.

473. SENIOR SEMINAR 3
Senior standing and permission of instructor. Study of a topic which integrates the student's coursework in economics. Students will present and defend their final projects.

491-496. INDEPENDENT STUDY	1-6
Independent study of economic problems. By invitation only.	
199. MODULE STUDIES	3
Special topics offered during the Module.	

CHEMISTRY

(CHEM)

Associate Professor Blakeney, *Chairperson*
Professors: Seidler, S.A. Taylor

The Chemistry Department offers a program of sufficient flexibility to serve three types of students: (1) those who wish to prepare for a career in chemistry and serve in industry and those who wish to prepare for advanced studies in chemistry; (2) those who expect to use chemistry in other occupations or professions, such as medicine, law, business, and secondary education; (3) those who desire chemistry for a broader background in science and an introduction to the scientific method of thought.

The Centenary College Chemistry Department is one of a number approved by the American Chemical Society for the training of chemists.

Students who are interested in chemistry as a career and those who intend to pursue advanced studies should elect the program leading to the Bachelor of Science degree and in addition, take those courses which meet the standards recommended by the American Chemical Society for the professional training of chemists. Students who are interested in a field such as engineering, secondary education, environmental studies, business or law where a sound knowledge of chemistry is required may elect the program leading to the Bachelor of Science degree.

As an alternative to the B.S. degree in chemistry, the Chemistry Department offers a B.S. degree in biochemistry for students interested in biochemistry, pharmacology, medicine, dentistry, veterinary medicine, or other health related fields.

High school students should note that their likelihood of success in any of these programs is greatly enhanced if their high school studies include chemistry, physics, two years of algebra and trigonometry, and one year of advanced mathematics.

Students who enroll in one of the programs, are cautioned that certain chemistry (and other) courses must be taken in an appropriate sequence. Failure to observe the sequence may result in course scheduling difficulties and lead to a delay in graduation.

High school students who have had the equivalent of college-level courses in chemistry or who have made acceptable scores on Advanced Placement or CLEP tests should consult with the department chairperson about modification of their plan of study.

DEPARTMENTAL HONORS IN CHEMISTRY

In order for students to be considered for admission to the Departmental Honors Program in chemistry, they must meet the general college requirements for admission to such programs. Interested students should consult the chairperson of the department.

MAJOR REQUIREMENTS

BACHELOR OF SCIENCE (AMERICAN CHEMICAL SOCIETY-ACCREDITED)

1. Chemistry courses: General Chemistry 101, 102, 111, 112; Organic Chemistry 201, 202, 211, 212; Analytical Chemistry 301, 311; Physical Chemistry 351, 352, 353, 354; Chemical Literature and Information Retrieval 361S; Instrumental Analysis 392; Inorganic Chemistry 401; Advanced Synthesis Laboratory 412; Senior Seminar 471; and two advanced courses (at least six semester hours) selected from chemistry, physics, or mathematics.
2. Supportive courses as follows: PHYS 104, 105, 114, 115; Mathematics through 202, and a computer language course. A reading knowledge of German is recommended for those intending to pursue graduate studies.

BACHELOR OF SCIENCE

1. Chemistry courses: General Chemistry 101, 102, 111, 112; Organic Chemistry 201, 202, 211, 212; Analytical Chemistry 301, 311, Physical Chemistry 351, 352, 353, 354; Chemical Literature and Information Retrieval 361S; Senior Seminar 471; two additional chemistry courses (at least six semester hours) numbered 300 or above.
2. Supportive courses: PHYS 104, 114, 105, 115; Mathematics through 202, and a computer language course; One year of foreign language is recommended.

BACHELOR OF SCIENCE IN BIOCHEMISTRY

1. Required Chemistry courses: General Chemistry 101, 102, 111, 112; Organic Chemistry 201, 202, 211, 212; Analytical Chemistry 301, 311; Biochemistry 321, 322, 324; Physical Chemistry 351; Chemical Literature and Information Retrieval 361S; Senior Seminar 471. Required Biology Courses: Cell Biology 103; Microbiology 308; Genetics 313.
2. Supportive Courses: PHYS 104, 105, 114, 115; Mathematics through 201; a computer language course.

MINOR REQUIREMENTS

CHEM 101, 111, 102, 112, 201, 211, 202, 212, 301, 311, and one or more hours at the 300+ level.

LABORATORY FEES

A laboratory fee of $35.00 per course is charged for each course requiring use of a laboratory. This fee does not cover charges for breakage.

101-102. GENERAL CHEMISTRY 3-3
First semester: A study of the principles of stoichiometry, chemical thermodynamics, the physical properties and behavior of gases, and an introduction to atomic and molecular structure. Second semester: A study of the chemistry of the elements, and of the quantitative aspects of chemical equilibrium. Yearly. Labs must be taken with the course unless the lab course has been previously passed.

111-112. GENERAL CHEMISTRY LABORATORY 1-1
Prerequisite: Concurrent registration in or credit for the corresponding lecture course, 101 or 102. Laboratory work designed to accompany CHEM 101-102. Work includes a study of the techniques and applications employed in chemical investigations. Laboratory exercises in the second semester include selected gravimetric and volumetric analyses, and a study of selected inorganic qualitative analyses. Yearly. (Three laboratory hours a week.)

105. CHEMISTRY AND SOCIETY 3
(Open only to non-science majors.) A course designed for students with little or no science background which examines the role of science, chemistry in particular, in society. Topics include energy sources, consumer chemistry, nutrition, and drugs.

115. CHEMISTRY AND SOCIETY LABORATORY 1
The laboratory work involves individual or group projects, experiments, demonstrations, or seminars. All work is designed to accompany the lecture.

201-202. ORGANIC CHEMISTRY 3-3
Prerequisites: CHEM 102, 112. A study of the chemistry of organic compounds. These studies are based on molecular structure, the properties due to functional groups, and the mechanisms by which reactions occur. Yearly.

211-212. ORGANIC CHEMISTRY LABORATORY 1-1
Prerequisite: Concurrent registration in or credit for the corresponding lecture course 201 or 202. The laboratory work consists of preparing and purifying organic compounds using techniques studied in lecture course. Use of modern instrumentation is included in second semester.

301. ANALYTICAL CHEMISTRY 3
Prerequisites: CHEM 102, 112, and MATH 201. A study of the theory of analytical separations and the principles and methods of quantitative chemical analysis, with emphasis on the application of equilibrium theory to analytical problems. Yearly.

311. ANALYTICAL CHEMISTRY LABORATORY 2
Prerequisite: Concurrent registration in or credit for CHEM 301. Laboratory work dealing with the various separations and purification techniques and with gravimetric, volumetric, potentiometric, and colorimetric methods of analysis. Yearly. (Six laboratory hours a week.)

321. BIOCHEMISTRY I 3
Prerequisites: CHEM 202, 212. A study of the organic, physical, and structure-function relationships of biomolecules and their catabolic processes. (Same as BIOL 321)

322W. BIOCHEMISTRY II 3
Prerequisite: CHEM 321. A study of biochemical systems and the relation of biochemical functions to molecular structure. Yearly. (Same as BIOL 322)

324. BIOCHEMISTRY II LABORATORY 2
Prerequisites: Credit for or concurrent registration in CHEM 322. Laboratory study designed to demonstrate biochemical techniques and methodology. (Six laboratory hours a week)

351-352. PHYSICAL CHEMISTRY 3-3
Prerequisite: Concurrent registration in or credit for CHEM 301, 311, MATH 202, PHYS 105, a computer language. Principles of theoretical chemistry with emphasis on thermodynamics, chemical kinetics, electrochemical systems, and atomic and molecular structure.

353W-354. PHYSICAL CHEMISTRY LABORATORY 1-1
Prerequisite: Concurrent enrollment in or credit for CHEM 351-352. Laboratory work includes physiochemical measurements and laboratory experiments which confirm and amplify the principles of theoretical chemistry.

361S. CHEMICAL LITERATURE AND INFORMATION RETRIEVAL 1

Library exercises will include understanding the use of Chemical Abstracts, Science Citation Index, on-line interactive computer files, and other sources. Students will make several oral presentations to the class.

392. INSTRUMENTAL ANALYSIS 5

Prerequisite: Concurrent registration in or credit for CHEM 352. A study of the theory and application of instrumental methods for separation and analysis. Emphasis is on spectrometric, electrochemical, and chromatographic methods. Yearly. (Three hours lecture, six laboratory hours each week.)

395,396. SELECTED TOPICS 3,3

Prerequisites: Junior standing and consent of the instructor based upon adequate preparation in chemistry, physics, and mathematics. A detailed study of an area of chemistry not normally covered in the regular chemistry course. Topics may include organic reaction mechanisms, hetrocyclic chemistry, nuclear chemistry, environmental chemistry. May be repeated once for credit when a different topic is offered. Offered on demand.

398. COLLOQUIUM, OAK RIDGE SEMESTER 1

Prerequisites: Junior standing and admission by ACS Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff at Oak Ridge National Laboratory under supervision of resident ACS Faculty. (Same as BIOL 398/MATH 398/PHYS 398)

399. RESEARCH, OAK RIDGE SEMESTER 1-6

Prerequisites: Junior standing and admission to the program by the ACS Selection Committee. Research performed through participation in the ACS-Oak Ridge Semester Program under supervision of senior staff at Oak Ridge National Laboratory. (Same as BIOL 399/MATH 399/PHYS 399)

400W,S. CHEMISTRY INTERNSHIP 3

Prerequisites: Junior standing and recommendation of the Chemistry Department faculty. Work in an industrial or research laboratory for a minimum of 120 hours. A written and oral report on the work conducted is required. Offered on demand. May be offered as a W or S course.

401. ADVANCED INORGANIC CHEMISTRY 3

Prerequisite: CHEM 352. A systematic study of the chemistry of the elements and their compounds based upon physical-chemical concepts. Yearly.

412. ADVANCED SYNTHESIS LABORATORY 3

Prerequisite: Permission of instructor. Synthesis, purification, and characterization of selected inorganic, organic, and organometallic compounds using different types of synthetic techniques and instrumental methods of analysis. (1-6)

471. SENIOR SEMINAR 1

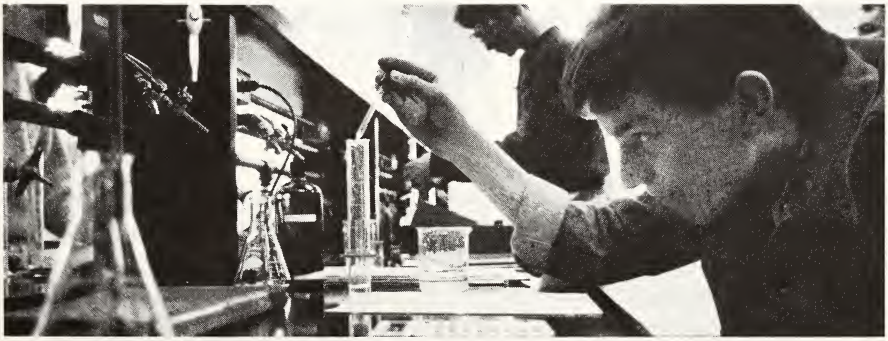
A review of the major areas of chemistry. A comprehensive exam will be required.

491-496. INDEPENDENT STUDY 1-6

Prerequisites: Junior standing and consent of the instructor based on adequate preparation in chemistry, physics, and mathematics. Research on an assigned problem. A written report and an oral presentation of the work are required. Offered on demand.

199. MODULE STUDIES 3

Special topics offered during the Module.



Students pursue individualized projects in all academic areas.

EDUCATION

(EDUC)

Assistant Professor Turner, *Acting Chair*
Professors: Gwin, Schwab, K.
Assistant Professors: Hernandez, Whitener-Lepanto
Lecturer: Schwab, P.

EDUCATION OBJECTIVES AND PURPOSES

The Department of Education seeks to help students develop a strong, professional foundation for teaching in the elementary, middle, or secondary schools. This is accomplished by providing opportunities for developing (1) an understanding of oneself and others, (2) skills in effective communication, (3) knowledge of the role of education in American life, and (4) competencies required for being an effective teacher. A small teacher-pupil ratio allows each professor to recognize each student as a unique individual with specific needs and to structure courses in such a way as to encourage individuality and creativity. To enhance the learning process, the Department of Education functions cooperatively with all other components of the College.

All students seeking certification to teach must enroll in the department's programs. Within this program, the student works with a professor in an academic setting that involves seminars, lectures, and independent studies. Practice is gained by the students in concurrent clinical experiences in a variety of local schools and agencies. The students are involved in a carefully planned sequence of observing and assisting master teachers. These master teachers are employed by the local school systems. Students are supervised by the master teacher as well as the tutorial professor at Centenary College.

The teacher-education program meets the requirements for teacher certification in Louisiana. Candidates for teaching certificates in the state must fulfill the requirements for early childhood, kindergarten, lower elementary, upper elementary, or high school certification. Student teaching is done in schools in this geographical area. The Department provides a Teacher Placement Bureau for all who are registered in the program. The Department of Education programs are fully accredited by the Southern Association for Colleges and Schools as well as the State of Louisiana Department of Education. Department of Education programs are subject to change due to revisions in requirements for certification by the Board of Elementary and Secondary Education.

GRADE REQUIREMENTS

a. A minimum of "C" in each section of freshman English (ENGL 101 and 102) is required.

b. Each student must achieve and maintain a 2.2 overall GPA as a prerequisite to enrolling in sophomore education courses.

c. To be eligible to take upper division (300 level or above) professional education courses, each student must pass the General Knowledge Examination of the NTE at 644 level and the Communication Skills Examination at the 645 level.

d. Each student must achieve and maintain a 2.35 overall GPA as a prerequisite to enrolling in junior education courses, and have successfully completed PSY 211, and EDUC 211-212.

e. Each student must achieve and maintain a 2.5 overall GPA as a prerequisite to enrolling in senior education courses, and must pass the Professional Knowledge of the NTE at 645 prior to enrolling in student teaching.

f. Each student must achieve at graduation from the teacher education program a 2.50 average in all work taken in college.

g. All students transferring to Centenary College must immediately meet the specified requirements appropriate to the entry level.

TRANSFER REQUIREMENT

To be admitted for teacher certification at the sophomore level, students must have successfully completed the Communications (645) and General Knowledge (644) sections of the NTE core battery. In addition, they must have at least a 2.35 overall grade point average.

Transfer students must take all methods courses and student teaching at Centenary. In addition, a minimum of one-half of the upper division work in the major must be taken at Centenary College.

ALTERNATIVE POST BACCALAUREATE CERTIFICATION

Students who have degrees from a regionally accredited institution and are seeking teacher certification must successfully complete the Communications (645) and General Knowledge (644) sections of the NTE Core battery, and be admitted to certification by the Teacher Education Advisory Council. In addition, all upper division work in Education must be taken at Centenary College, and the Professional Knowledge Section of the NTE must be successfully passed (645) prior to enrolling in student teaching.

All work toward the alternative post baccalaureate certificate must be taken at Centenary College. Post baccalaureate work taken at other institutions will not be accepted by Centenary for the Alternative Certification Program.

DEGREE PLAN

Each student majoring in elementary education or certifying in secondary education must, in consultation with his or her adviser and approved by the Chair of the Education Department, complete a degree plan. This plan, endorsed by student and adviser and the Education Department Chair, is filed with the Registrar before the end of the third semester. Students certifying at the secondary level must have the signature of the secondary education representative on the degree plan and approved by the Chair of the Education Department, or it will not be accepted by the Registrar.

No student will be considered for formal acceptance into the Education Department by the Teacher Education Advisory Council prior to the degree plan's being filed.

No student may enroll in a junior-level education course until and unless a degree plan has been filed and approved and official acceptance into the teacher-education program has been granted by the Chairman of the Education Department.

DEPARTMENTAL HONORS

To be considered for Departmental Honors, students must fulfill the general College requirements for honors programs. In addition, they must:

1. Apply to the chairman of the department by the beginning of the junior year.
2. Complete a significant scholarly project to be researched under the direction of an education faculty member.
3. Present the results of the research before an approved body consisting of education professionals and/or majors.
4. Complete all areas of the National Teachers Examination, scoring in the upper quartile.

AREAS OF CERTIFICATION

Centenary College's Department of Education is approved to certify teachers in the following areas: art, biology, business, chemistry, computer science, early childhood, Earth science, elementary (1-8), English, French, general science, German, health and physical education, instrumental music, journalism, kindergarten, lower elementary (1-4), mathematics, physics, social studies, Spanish, speech, and vocal music. All certification candidates are strongly encouraged to certify in at least two areas. Elementary education majors are encouraged to concentrate in an area of specialization. All education majors are urged to consider a liberal arts degree.

TEACHER EDUCATION ADVISORY COMMITTEE

The Teacher Education Advisory Committee (TEAC) is composed of the chair of education, full-time teaching members of the education faculty, a member from the Exercise Science department, and a member of the Music department. The committee is responsible for recommending curriculum modifications, formal admittance of teaching candidates to the Department of Education, admittance of teacher education candidates to student teaching, advising the department on procedural, educational, and policy matters, and acting as a liaison between teacher education and other College departments and committees.

STUDENT TEACHING

Candidates desiring to student teach must petition the Teacher Education Advisory Council (TEAC) for permission. The petition must be filed no later that the fifth week of the semester (fall or spring) prior to student teaching. The TEAC will examine the candidate's academic record, National Teachers' Examination scores, recommendations, and general fitness and readiness to student teach. Candidates not meeting the criteria to student teach will address the problem with their advisor and design an action plan. If denied the right to student teach, an education major may (if applicable) receive a degree in education without certification after completing an additional nine hours of work approved by the Chair of Education, TEAC, and registrar. Students denied the privilege to student teach by the TEAC may request a hearing before TEAC but also retain the right to appeal to the Academic Affairs Committee through the Chair of the Department of Education.

Student teaching is a full day experience. Students, therefore, will not be allowed to pursue any other course from the college during student teaching except EDUC 453, 454 or 455 and EDUC 471. Student teaching and senior seminar are to be taken simultaneously and are considered by the college to be equivalent to full-time status.

The college calendar will be followed for establishing the starting and finishing dates of student teaching. Otherwise, student teachers are expected to follow the calendar of the school district to which they are assigned, including holidays.

NATIONAL TEACHERS EXAMINATION (NTE)

In order to become certified, a person must take the National Teachers Examination. Minimum test scores on the core battery are 645 for Communication Skills, 644 for General Knowledge, and 645 for Professional Knowledge. Minimum scores for the specialized subject (Area) test are posted in the Education Department.

ADMINISTRATIVE REQUIREMENTS

All students planning to certify as teachers must, by the end of the sophomore year, petition the Teacher Education Advisory Council for acceptance into the Department of Education. They must meet certain requirements of oral and written communication, GPA, English, NTE, health, and appearance as determined by the TEAC. Candidates to student teach must petition the TEAC prior to the fifth week of the semester (fall or spring) prior to the student teaching experience. The TEAC will examine the candidate's academic record, National Teachers' Examination scores, recommendations, and general fitness and readiness to student teach. Any person who does not meet all requirements has the option of appealing to the Teacher Education Advisory Council through the chairperson of the Education Department.

B.S. IN LOWER ELEMENTARY EDUCATION
(Grades ECE-4)

Courses	Numbers	Hours
MAJOR:		
*Education	201, 202, 205, 210	12
	301W, 302S, 303S, 304S	12
	311, 316	6
	430S(9), 471(1)	10
SECOND CERTIFICATION ENDORSEMENT**		
*Education	351, 352, and 453S or 454S	9
SUPPORTIVE:		
*Psychology	211, 221	6
*Arts	ART 207	3
	THSP 200 or 101	3
	MUS 329 or 396	3
Health & EXSC	EXSC 103(2), 201	3
	*EXSC 239, *HLTH 357	6
	EXSC or Health Elective	1
English	*101, *102, 201 or 205, 393 or 394	12
Mathematics	103 or 104 or 105 or 106 or 107	6
Science	BIOL 101/111 or 103	4
	Physical Science/Lab	4
	Elective Science	4
Social Studies	GEOG 201 or 202 or 205	3
	ECON 101 or PSC 101 or 102 or 103	3
	HIST 201 or 202 or 203 or 205 or 206	3
	HIST 207	3
Additional College Requirements		
Cultural Perspectives	GED 101-102	2
Religion	101 or 102	3
Philosophy or Religion		3
May Module		3

TOTAL HOURS: 127

B.S. UPPER ELEMENTARY EDUCATION
Grades 1-8

Courses	Numbers	Hours
MAJOR:		
*Education	201, 202, 205, 210	12
	301W, 302S, 303S, 304S	12
	311, 316	6
	430S(9), 471(1)	10

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*Must make "C" or above

**Second certification endorsement can be waived with the approval of the Chair of the Department of Education.

SECOND CERTIFICATION ENDORSEMENT		
*Education	335W and 455S	6
SUPPORTIVE:		
*Psychology	211, 221	6
*Arts	ART 207	3
	THSP 200 or 101	3
	MUS 329 or 396	3
Health & EXSC	EXSC 103(2), 201	3
	*EXSC 239, *HLTH 357	6
	EXSC or Health Elective	1
English	*101, *102, 310	9
	201 or 205, 393 or 394	6
	English Elective	3
Mathematics	103, 104, 106	9
	Mathematics Elective	3
Science	BIOL 101/111 or 103	4
	Physical Science/Lab	4
	Elective Science	8
Social Studies	GEOG 201 or 202 or 205	3
	ECON 101 or PSC 101 or 102 or 103	3
	HIST 201 or 202 or 203 or 205 or 206	9
	HIST 207	3
Additional College Requirements		
Cultural Perspectives	GED 101 and 102	2
Religion	101 or 102	3
Philosophy or Religion	3	
May Module**	3	

TOTAL HOURS: 146**

SECONDARY EDUCATION (GRADES 5-12)

Courses	**Numbers**	**Hours**
COURSES REQUIRED FOR CERTIFICATION (supportive to major):		
*Education	201, 202	6
	***322, *****340W	6
	414, 440S(9), 471(1)	13
*Psychology	211	3
English	*101, *102	6
	201 or 205, ****393 or 394	6
Science	BIOL 101/111 or 103	4
	Physical Science/Lab	4
	Elective Science	4

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*Must make "C" or above

**An English or Mathematics May Module can satisfy ether the English or Mathematics elective requirement, thereby reducing the total hours to 143.

* ** Health & PE certification students may substitute EDUC 221.

**** Students with a major requiring a foreign language may substitute an English elective in place of 393 or 394.

***** Health & PE, Music, and Foreign Languages will provide their own methods courses.

Mathematics	Appropriate for Major	6
Social Studies	ECON 101 or PSC 101 or 102 or 103	3
	PSY 101 or SOC 101 or 112 or 202	3
	HIST 205 or 206	3
	HIST 201 or 202 or 203 or 205 or 206	3
Health & EXSC	EXSC 103(2), 201	3
	EXSC or Health Elective	1

SECOND CERTIFICATION ENDORSEMENT**

*Education	335W and 455S	6

MAJOR REQUIREMENTS:

Designated by the department in which the student is earning a major. Students in this area may certify in art, business, health and physical education, computer science, mathematics, biology, chemistry, earth science, physics, English, German, French, Spanish, and theater-speech. See your education advisor for specific complete requirements.

Additional College Requirements

Cultural Perspectives	GED 101 and 102	2
Religion	101 or 102	3
Religion or Philosophy		3
ARTS	From THSP 200, MUS 143, ART 107	6
May Module		3

B.M. IN MUSIC EDUCATION (INSTRUMENTAL)

Course	Hours
English *101, *102, 201, 393 or 394	12
Cultural Perspectives 101, 102	2
Exercise Science 103, 201	4
Mathematics 104 or 105, or 107 or higher	6
Science (BIOL 101-111, physical science, & science elective)	12
History 205 or 206, History	6
Economics or Political Science	3
*Psychology 211	3
Social Science (anthropology, economics, geography, history, political science, sociology, or psychology)	3
Module	3
*Education 201, 202, 322, 414, 440S, 471	22
Music 111, 112, 141, 142, 211, 212, 323, 326, 337, 341, 342, 441	35
Music 150, 250, 350, 450	16
***Applied Piano 170, 270	4
Ensembles (Max 8)	8

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* Must earn a grade of "C" or better.

** Only required of those majoring in area other than a foreign language, health and physical education, music or art. Second certification endorsement can be waived with the approval of the Chair of the Department of Education.

***Must be enrolled until proficiency is passed

Music 338	2
Music 411	3
Music 351, 352	2
Music 353, 354	2
Music 355, 356	2
Music 357, 358	2
Applied Music Electives	2

B.M. IN MUSIC EDUCATION (VOCAL)

Course	**Hours**
English *101, *102, 201, 393 or 394	12
Cultural Perspectives 101, 102	2
Exercise Science 103, 201	4
Mathematics 104 or 105, or 107 or higher	6
Science (BIOL 101-111, physical science & science elective)	12
History 205 or 206, History	6
Economics or Political Science	3
*Psychology 211	3
Social Science (anthropology, economics, geography, history, political science, sociology, or psychology)	3
Module	3
*Education 201, 202, 322, 414, 440S, 471	22
Music 111, 112, 141, 142, 211, 212, 323, 326, 337, 341, 342, 441	35
Music 150, 250, 350, 450	16
**Applied Piano 170, 270	4
Ensembles (Max 8)	8
Music 107, 108	4
Music 339	2
Applied Music Electives	6

B.A. IN SCIENCE EDUCATION

This degree is for those students who wish to certify in two sciences or one science and mathematics. Choose two areas from those listed below.

Required Courses

BIOLOGY

Biology 103 and 104, or 201, 308W, 313W	20
Biology 4 hours from 301, 302, 310, 312, 404	4

CHEMISTRY

Chemistry 101-111, 102-112, 201, 211, 202, 212, 301, 311	21
Chemistry 321 or 351 (prerequisite of Physics 104-105 and Math 201) or other approved course	3

GEOLOGY (EARTH SCIENCE)

Geology 101-111, 102-112, 203, 205, 206, 213, 353 or 403	24

MATHEMATICS

Mathematics 115, 201, 202, 203, 303, 304, and one course numbered 305 or higher	21

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*Must make "C" or above

**Must be enrolled until proficiency is passed

PHYSICS

Physics 103/113, 104/114 (Math 115 Prerequisite), 105/115 (Math 201 Prerequisite), 204/214 (Math 202 Prerequisite), 301, 302, 305, and Astronomy 101/111 25

GENERAL SCIENCE

Biology 103 and 104, Chemistry 101/111 and 102/112, Geology 101/111 and 102/112, PHYS 101/111 and 102/112 or 103/113 and 104/114 32

All above students will complete the general education and distributive requirements and the following courses:

*Education 201-202, 322, 335W, 340W, 414, 440S(9), 455S, 471 31
*Psychology 211 3

SCIENCE AREAS

The minimum requirements for certification in each science area are listed below. Laboratories normally associated with each science shall be taken. In addition, credit or proficiency in college algebra and trigonometry is the minimum math requirement.

1. GENERAL SCIENCE

   Thirty-two semester hours, to include 8 semester hours in biology, 8 semester hours in chemistry, 8 semester hours in earth science, and 8 semester hours in physics.

   Certification may be earned in both General Science and any of the four subject areas if an additional 8 semester hours of credit is earned in each expanded area. For biology, course work must include botany, zoology, and microbiology; for chemistry, course work must include general, organic, and quantitative analysis or physical chemistry; for earth science, course work must include physical and historical geology; and, for physics, at least one semester of calculus is required in addition to the total of 16 hours of physics.

2. BIOLOGY

   Twenty semester hours, to include courses in botany, zoology, and microbiology. At least one year of college-level chemistry is required, and it is desirable that the course of study include some organic chemistry.

   Certification may be earned in biology and chemistry or biology and earth science if a total of 40 semester hours is earned in the two fields with not less than 16 in either. When the lesser number of hours is in chemistry, courses in general, organic, and quantitative analysis or physical chemistry shall be included. When the lesser number of hours is in earth sciences, courses in physical and historical geology shall be required.

3. CHEMISTRY

   Twenty semester hours, to include a minimum of one year of general chemistry, one course in organic chemistry and one course in either quantitative analysis or physical chemistry.

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*Must make "C" or above

Certification may be earned in chemistry and biology, chemistry and physics or chemistry and earth science if a total of 40 semester hours is earned in the two fields with not less than 16 in either. If the lesser number of hours is in biology, courses in botany, zoology, and microbiology shall be included. If the lesser number of hours is in physics, at least one semester of calculus also shall be required. When the lesser number of hours is in earth science, courses in physical and historical geology shall be required.

4. EARTH SCIENCE

Twenty semester hours, to include courses in physical geology and historical geology.

Certification may be earned in earth science and chemistry or earth science and biology or earth science and physics if a total of 40 semester hours is earned in the two fields with not less than 16 in either. When the lesser number of hours is in chemistry, courses in general, organic, and quantitative analysis or physical chemistry shall be included. If the lesser number of hours is in biology, courses in botany, zoology, and microbiology shall be included. If the lesser number of hours is in physics, at least one semester of calculus also shall be required.

5. PHYSICS

Twenty semester hours. Certification may be earned in both physics and mathematics if a total of 40 semester hours is earned in the two fields with not less than 16 in either. In either case, at least one semester of calculus also shall be included.

B.A. IN SOCIAL STUDIES EDUCATION

Course	Hours
English *101, *102, Literature, Literature	12
Cultural Perspectives 101, 102	2
Exercise Science 103, 201	4
Mathematics 104 or 105, 107	6
Science (Biology & Physical Science)	12
Art 107 or Music 143 or THSP 200	3
Foreign Language	8
Religion 101 or 102	3
Philosophy or Religion	3
Economics	6
Sociology	3
Module (Sociology, Economics, Mathematics, or Political Science-3 hours)	3
History 201, 202, 203, (6 hours from these) plus 205, 206, 207 and 9 hours at 300 level	24
Political Science 101, 102 or 103, 207 or 199	6
Geography 201, 202, 205	6
*Education 201, 202, 322, 335W, 340W, 414, 440S, 455S	31
*Psychology 211	3

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*Must make "C" or above

201. FOUNDATIONS OF EDUCATION 3
An investigation of the history, social and philosophical foundations of education. Participation in a series of observations in community-agency learning situations at all socio-economic levels is required. Fall.

202. EDUCATIONAL PSYCHOLOGY 3
An investigation of the role and relevance of psychology in the learning process. Participation in a series of observations in community-agency learning situations at all socio-economic levels is required. Spring.

205. CHILDREN'S LITERATURE 3
A survey of children's literature through the ages, with special attention to developing a love of reading and a knowledge of genres and motifs and to related literary matters like vocabulary-building, knowledge of other cultures, and where appropriate, history and biography. Requires practical experience in the local schools. Fall, Spring.

210. SURVEY OF READING IN THE ELEMENTARY SCHOOL 3
An overview of the total skills programs: approaches to reading instruction; a survey of reading programs for the average, gifted, and disabled reader. Presents comprehensive knowledge of the literature on the teaching of reading. Fall, Spring.

221. PSYCHOLOGY OF EXCEPTIONALITY 3
Emphasis on the processes which contribute to personality. Study of gifted, retarded, emotionally disturbed children, learning disabilities, hard-of-hearing, visually handicapped, culturally deprived, and other disabilities that require special service. Yearly. (Same as PSY 221)

301W. METHODS IN ELEMENTARY LANGUAGE ARTS 3
Prerequisites: EDUC 201 and 202. A study of materials, methods, and problems of teaching and learning in elementary school language arts. Participation in planned elementary school classroom settings is required. An individualized schedule of investigative writings on teaching methods and available technology will be emphasized. Fall.

302S. METHODS IN ELEMENTARY MATHEMATICS 3
Prerequisites: EDUC 201 and 202. A study of materials, methods, and problems of teaching and learning in elementary mathematics. Participation in planned elementary school classroom settings is required. Individualized classroom lessons will be prepared and presented. Spring.

303S. METHODS IN ELEMENTARY SOCIAL STUDIES 3
Prerequisites: EDUC 201 and 202. A study of materials, methods, and problems of teaching and learning in elementary social studies. Participation in planned elementary school classroom settings is required. Individualized classroom lessons will be prepared and presented. Fall.

304S. METHODS IN ELEMENTARY SCIENCE 3
Prerequisites: EDUC 201 and 202. A study of materials, methods, and problems of teaching and learning in elementary science. Participation in planned elementary school classroom settings is required. Individualized classroom lessons will be prepared and presented. Spring.

311. TEACHING OF READING IN THE ELEMENTARY SCHOOL 3
Prerequisite: EDUC 210. A survey of methods, materials, and theories with emphasis on mastering reading skills. Observation and work with children are required along with two hours of classwork. Students will design materials to stimulate interest in reading for enjoyment and information. Spring.

316. TEACHING OF READING PRACTICUM (ELEMENTARY) 3
Prerequisites: EDUC 210 and 311. Major emphasis is placed on teaching the reading skills to individuals and small groups of children. Teacher accountability will be stressed in work with diagnosing reading needs and applying prescriptive teaching techniques as corrective measures. Current literature will be surveyed. Fall, Spring.

322. INTRODUCTION TO TEST AND MEASUREMENT 3
A study of the design and construction of teacher-made tests; of the design and construction of performance assessment instruments; of the theories underlying psychological measurements; of the interpretation and utilization of standardized test results; and the ethical issues in testing. Yearly.

323. EDUCATIONAL TECHNOLOGY 3
An examination of technological advances in education including, but not limited to, standard and interactive video, computer assisted instruction, laser disc and CD-ROM. Spring.

335W. METHODS IN UPPER ELEMENTARY EDUCATION 3
Prerequisites: EDUC 201 and 202. A study of materials, methods, and problems of teaching and learning in upper elementary education. Participation in planned upper elementary school classrooms is required. An individualized schedule of investigative writings on teaching methods and available technology will be emphasized. Spring.

340W. METHODS IN SECONDARY EDUCATION 3
Prerequisites: EDUC 201 and 202. A study of materials, methods, and problems of teaching and learning in secondary education. Participation in planned secondary school classrooms is required. An individualized schedule of investigative writings on teaching methods and available technology will be emphasized. Fall.

351. FOUNDATIONS OF NURSERY SCHOOL AND KINDERGARTEN EDUCATION 3
The development of pre-school education; growth and development characteristics of very young children; providing an environment for learning, and organizing and administering programs and services. Fall.

352. METHODS AND CURRICULA OF EARLY CHILDHOOD EDUCATION 3
Prerequisite: EDUC 351. The objectives of nursery school and kindergarten education; curricula and methods in language development, communication skills, science, social living, numbers, music, art, dramatic play, and other readiness experiences. Spring.

395,396. SELECTED TOPICS 3,3
A detailed study of an area in education not normally covered in regular education courses. On demand.

414. TEACHING OF READING IN THE SECONDARY SCHOOL 3
A course that emphasizes the application of appropriate principles, methods, materials, and guidelines for teaching reading at the secondary level. Special emphasis placed on specific strategies for teaching reading in the content areas. Spring.

430S. ELEMENTARY SCHOOL STUDENT TEACHING 9
Prerequisites: EDUC 301, 302, 303, and 304. Intensive practice teaching in an all-day elementary school setting, for one semester, under the supervision of a master teacher and college faculty. Fall, Spring.

435S. UPPER ELEMENTARY STUDENT TEACHING 9
Prerequisites: EDUC 335. Intensive practice teaching in an all-day upper elementary school setting, for one semester, under the supervision of a master teacher and college faculty. Fall, Spring.

440S. SECONDARY SCHOOL STUDENT TEACHING 9
Prerequisites: EDUC 340. Intensive practice teaching in an all-day secondary school setting, for one semester, under the supervision of a master teacher and college faculty. Fall, Spring.

453S. PRACTICUM IN KINDERGARTEN EDUCATION 3
Supervised observation and teaching internship experiences in programs for kindergarten school children. Fall, Spring.

454S. PRACTICUM IN NURSERY SCHOOL EDUCATION 3
Supervised observation and teaching internship experiences in programs for nursery school children. Development of teaching competencies appropriate to instructional activities. Fall, Spring.

455S. PRACTICUM IN UPPER ELEMENTARY EDUCATION 3
Supervised observation and teaching-internship experiences in programs for upper elementary school children. Development of teaching competencies appropriate to instructional activities. Fall, Spring.

471. SENIOR SEMINAR 1
Corequisite: EDUC 430S or EDUC 440S or consent of the instructor. A weekly one hour seminar which reviews major teaching practices and classroom situations. Fall, Spring.

199. MODULE STUDIES 3
Special topics offered during the Module

ENGLISH

(ENGL)

Professor Morgan, *Chairman*
Professor: Labor
Associate Professors: Havird, Hendricks, Shelburne, Fell
Lecturer: E. Crawford, Blackman, Todaro

The Department of English offers a traditional curriculum with an emphasis on writing and on English and American literature as well as ample opportunities to study the related areas of the English language, communications, and film. The minimum core requirements of the College are supplemented by specific supportive requirements in art, music, and foreign languages to give majors a strong foundation in the humanities and to prepare them for admission to graduate and professional schools in the humanities, business, law, and any other area or occupation where liberal education and language competency are the important requisites.

MAJOR REQUIREMENTS

In addition to the College requirements for a degree, students must complete the following:

1. ENGL 205, 206; 307, 308; 400; 473
2. Fifteen hours of English courses of which nine must be selected from: 301, 302, 303, 304, 305, 309, 315, 320, 322, 401, 405, 420. At least one of these courses must be taken in periods before 1798.

SUPPORTIVE REQUIREMENTS

1. One course from ART 101, 102, 107, 305, or 306 and one course from MUS 141, 142, or 143.
2. Credit through the second year (intermediate level) of a foreign language.

All majors, particularly those interested in academic careers, are strongly urged to take ENGL 309 as well as the third year of a foreign language. Majors expecting to be certified to teach at the secondary school level must take ENGL 309 and 310 but are exempted from ENGL 400.

Majors interested in careers in business are strongly urged to take at least one semester each of calculus, economics, and accounting.

All majors are urged to take at least one of the following sequences: HIST 205, 206; 307, 308; 321, 322. Majors are also encouraged to take at least one year of either Greek or Latin.

Transfer students majoring in English must take at least four upper-division English courses (12 hours numbered 300 or above) at Centenary.

DEPARTMENTAL HONORS

To be considered for Departmental Honors, students must fulfill the general College requirements for honors programs. In addition, they must:

1. Apply to the chairman of the department by the beginning of the junior year.
2. Complete a significant scholarly project to be researched and written during two semesters of independent study during the senior year.
3. Present the results of the research before a colloquium of English faculty and majors.
4. Pass a comprehensive examination based upon the departmental reading list.

MINOR REQUIREMENTS

For a minor in English, students must take at least eighteen hours beyond ENGL 101-102, including the following:

1. ENGL 205, 206.
2. At least six hours of American literature (307, 308 or 405).
3. Six hours of English courses numbered 300 or above (excluding communication courses).

ENGLISH WITH AN EMPHASIS IN COMMUNICATIONS

In addition to the College requirements for a degree, and the supporting requirements for the traditional English major, students must complete the following courses:

1. 205, 206; 307; 308; 473
2. At least six hours of English courses numbered 300 or above (non-< communication courses)
3. At least three hours in an internship (400J) At least twelve hours from the following language, writing, and communication courses: 207, 251, 299, 309, 310, 352, 355, 356.

MINOR IN COMMUNICATIONS

A minimum of eighteen hours in courses approved by the director of the Communications Program, in consultation with the faculty adviser, including the following:

a. English 251—required for all minors in communications.
b. At least three hours from the following writing and communication courses: 207, 299, 310, 352, 355, 356.
c. At least three hours in the internship (400J) coordinated by the director of the Communications Program.
d. At least nine hours of courses selected in consultation with the Communications Program director that focus on the student's area of special interest. For example: A student interested in print journalism, whether newspaper or magazine work, might want to concentrate on the advanced journalism courses offered by the English department. A student interested in the electronic media might want to focus on speech and/or theatre courses. A student interested in advertising might want to focus on writing and/or business and/or art courses. And so on.

Prerequisite for all courses numbered 300 and above: consent of the instructor.

THE CENTENARY SEQUENCE

101. RHETORIC I: GRAMMAR AND COMPOSITION 3

An intensive review of grammar, rhetoric, and composition with an emphasis on the 500-word theme. Students are required to read classic essays and longer works from the Western tradition. Required of all students. Offered every fall.

102. RHETORIC II: INTRODUCTION TO LITERATURE 3

A continuation of the grammar and writing emphasis of ENL 101, especially documented essays and a research paper, and an introduction to literature and interpretive techniques. Offered every spring.

ENGLISH COURSES

201. STUDIES IN LITERARY MASTERWORKS 3

Prerequisite: ENGL 101-102. Intensive readings of literary masterworks in such generically and topically oriented subjects as biography, comedy, tragedy, the novel, the short story, myth, poetry, and satire. Multiple sections offered each semester. May be elected for up to nine hours credit.

205,206. SURVEY OF BRITISH LITERATURE 3,3

Prerequisite: ENGL 101-102. A survey of British poetry, prose, and drama from the beginning to the present. The first semester includes writings from the Middle Ages through the eighteenth century; the second semester includes writings from the nineteenth and twentieth centuries. Offered yearly.

290. INTERDISCIPLINARY STUDIES 3

This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more that one 290 course may be used to fulfill a core requirement. Offered on demand.

299. CREATIVE WRITING 3

Prerequisite: ENGL 101-102. An advanced course in writing for students interested in producing original pieces of prose and verse. Spring 1994 and alternate years.

301W. SEMINAR IN MEDIEVAL LITERATURE 3

A study of the principal works of medieval English literature. Fall 1994 and alternate years.

302W. SEMINAR IN RENAISSANCE LITERATURE 3

A study of English poetry, prose, and drama of the sixteenth and seventeenth centuries, exclusive of Shakespeare. Spring 1993 and alternate years.

303W. SEMINAR IN EIGHTEENTH-CENTURY LITERATURE 3

A study of the representative literature from 1660 to 1798, with special attention to Dryden, Swift, Pope, Goldsmith, Johnson, and Boswell. Spring 1994 and alternate years.

304W. SEMINAR IN NINETEENTH-CENTURY LITERATURE 3

A study of major works of British poetry, prose, and fiction from the Romantic and Victorian periods. Fall 1993 and alternate years.

305W. SEMINAR IN MODERN BRITISH LITERATURE 3

A study of significant British literature from the late nineteenth century to the present. Special attention to Hopkins, Conrad, Yeats, Woolf, Joyce, and Eliot. Spring 1995 and alternate years.

307W. SURVEY OF AMERICAN LITERATURE, 1620-1870 3

A survey of American writing from colonial times to about 1870. Offered yearly.

308W. SURVEY OF AMERICAN LITERATURE, 1870 to the Present 3

A survey of American writing from about 1870 to the present, with attention to trends in the development of modern American literature. Offered yearly.

309W. HISTORY OF THE ENGLISH LANGUAGE 3

A survey history of the language and an introduction to linguistics. Particular attention paid to phonology, morphology, and syntax and to key concepts in descriptive linguistics and grammar. Compositions include short, analytical expository themes as well as a research paper. Fall 1994 and alternate years.

310W. ADVANCED ENGLISH GRAMMAR AND COMPOSITION 3

A descriptive study of the structural logic and idiom of the English sentence and of the creation of precise functional compositions. Fall 1993 and alternate years.

315W. SEMINAR IN CONTEMPORARY LITERATURE 3

Intensive reading in contemporary writers (since 1950) from a wide variety of national literatures. Emphasis is on significant literary figures and movements. Works studied may vary from year to year. Fall 1993 and alternate years.

320S. SEMINAR IN THE NOVEL 3

A study of the novel from its beginnings through the 19th century, with particular attention to historical and artistic influences. Spring 1994 and alternate years.

322S. SEMINAR IN MAJOR AUTHORS 3

An intensive study of authors whose work has significantly affected the traditions of literature written in English. A class might focus on one author—for instance, Chaucer, Milton, Austen, or Faulkner—or might examine several authors whose works are historically linked or mutually illuminating—for example, Johnson and Boswell, Woolf and the Bloomsbury Group, or Rossetti and the Pre-Raphaelites. On demand.

325S. SEMINAR IN SOUTHERN LITERATURE 3

Intensive reading in the major poetry, fiction, drama, and non-fiction prose of the twentieth-century American South. Spring 1995 and alternate years.

391,392. STUDIES IN FOREIGN CULTURES: INTRODUCTION TO LANGUAGE 3,3

See Foreign Language 391, 392.

393W,394W. STUDIES IN FOREIGN CULTURES: LITERATURES IN TRANSLATION 3,3

See Foreign Language 393W, 394W.

395S,396S. SELECTED TOPICS 3,3

Prerequisite: Consent of the instructor. Specialized studies in areas of language and literature not normally covered in regular English courses. Offered each semester.

398S,399S. SEMINAR IN FILM STUDIES 3,3

An analysis of the cinema as both aesthetic form and social document, with an emphasis on American and European film. Topics will vary. Recent topics have included: Masculinity and Femininity in the Cinema, History of American Film, Film as a Visual Art, Film and Literature, and Introduction to World Cinema. Offered each semester.

400E. ENGLISH INTERNSHIP 3

Supervised internship with an approved employer in an appropriate professional area, such as editing, publishing, and public relations. Students are required to submit a term paper or project of equivalent value to the program director at the end of the internship. May be repeated for credit in another area. Offered each semester.

401W. SHAKESPEARE 3

A study of selected plays including histories, comedies, romances, and tragedies. Fall 1993 and alternate years.

405W. STUDIES IN REPRESENTATIVE AMERICAN WRITERS 3

Intensive reading in major writers who represent significant trends in the development of American literature. Considerable work in bibliography and research, with presentation of individual papers. Spring 1994 and alternate years.

420W. LITERARY CRITICISM 3

A study of the background and development of modern literary criticism, with particular emphasis upon its development after Coleridge. The influences of literary theory, the various critical theories of this century, and the problems of practical criticism are the concerns of lectures, class discussions, and papers. Fall 1994 and alternate years.

441,442. TUTORIAL IN LITERATURE 1,1

Directed reading on a subject to be agreed upon by the student and faculty-tutor. Offered each semester.

473. SENIOR SEMINAR IN ENGLISH 3

An overview of English and American literature, focusing on the major texts of the canon, and the dominant schools of thought that have shaped the study of literature in England and America. Offered every fall.

493W. INDEPENDENT STUDY 3

Prerequisites: Senior standing and permission of the chairman of the department. Either semester of senior year. The writing of a thesis and an oral examination at the end of the semester are the core of the course. The chairman of the department appoints a committee of not fewer than three faculty members to guide each student and to conduct the oral examination. Regular class sessions are not required, but the faculty members arrange seminar discussions when circumstances warrant such meetings. A copy of the thesis is filed with the chairman of the department. Offered each semester.

199. MODULE STUDIES 3

Special topics offered during the Module.

COMMUNICATIONS COURSES

207. COMMUNICATION FOR BUSINESS AND THE PROFESSIONS 3

Instruction and practice in the various forms of practical communication, such as correspondence and reports. Offered on demand. (Same as BUSN 207)

251. INTRODUCTION TO MASS COMMUNICATIONS 3

A survey of mass communications media, their purpose, and their methods of operation. Designed to give students an overview and an understanding of the importance of communications media in modern society. Offered each fall.

353. TELEVISION PRODUCTION 3

Prerequisites: ENGL 251, THSP 204, or THSP 310W. Students will examine the theory and practice of television production. The methods of teaching will be classroom lecture and discussion and laboratory time at Alternate View Network (AVN). Offered every semester. (Same as THSP 353)

354W. ADVANCED JOURNALISM: ADVERTISING AND PUBLIC RELATIONS 3

Analysis and evaluation of the mass media for advertising purposes; and principles and practice of public relations as they pertain to the communications media. On demand. (Same as BUSN 354)

355S. LITERARY NONFICTION 3

Prerequisites: ENGL 101, 102. Rhetorical theory and application in transforming oral messages into written messages; students will present orally ideas that they plan to develop into magazine articles; students will then use the class's and professor's responses to their presentations in writing their articles. Spring, alternate years.

356W. WRITING IN THE MARKETPLACE: NEWSPAPERS 3

Prerequisites: ENGL 101, 102. Rhetorical theory and application in writing news; students will write a variety of newspaper articles — reports, editorials, features. Spring, alternate years.

400J. INTERNSHIP IN JOURNALISM 3

Prerequisite: A grade of "C" or better in the advanced journalism course in the area of the internship. Supervised internship with an approved employer in any of the professional areas covered by the Communications Program, such as marketing, advertising, public relations, and news or feature writing. Students will be required to submit a term paper or project of equivalent value to the program director at the end of the internship. May be repeated for credit in another area. Offered each semester.

Poet and novelist James Dickey, recipient of the 1993 John William Corrington Award for Literary Excellence, dramatizes a scene from Deliverance for English students.

FOREIGN LANGUAGES

Professor Penuel, *Chairman*
Assistant Professors: Clark, Kress, Gruettner
Professor Emeritus: Watts
Lecturer: E. Crawford

The program in foreign languages at Centenary is designed to provide students with a knowledge of the foreign language and culture which will be useful to them practically, intellectually, and professionally.

Practically, we seek to equip the student with the ability to understand, speak, read, and write the language. To this end, the foreign language is used extensively, in some courses exclusively, in the classroom: Two modern language laboratories, along with a great variety of audio-visual aids, are available to students both in and out of class. Some courses are especially designed to take advantage of the numerous materials for teaching foreign languages now available on videocassettes. The department aims to make the learning of languages as authentic and effective as possible.

Intellectually, the study of a foreign language and the culture rooted in that language will not only provide students with invaluable insights into the nature and structure of language as such, and language as a medium which shapes feeling, imagination, and thoughts, but will also deepen, by comparison and contrast, their understanding of their own language and culture.

Professionally, knowledge of a foreign language may enhance employment opportunities in many fields in an increasingly interdependent world, or be the basis for a career itself. Career opportunities are found in tourism, international business, government, airlines, social work, and teaching.

Centenary affords its students opportunities for study abroad through its membership in the Associated Colleges of the South and the CODOFIL Program (the Council on the Development of the French Language in Louisiana), and through a variety of other study-abroad programs of quality.

For information regarding departmental scholarships, please write the chairman of the department.

PLACEMENT AND CREDIT THROUGH EXAMINATION

Students with at least two years of a foreign language in high school or competent in a foreign language for other reasons are required to demonstrate their level of proficiency through examination prior to enrolling in a foreign-language course or during the first week of classes. No credit will be awarded for courses below the demonstrated level of competence, since students may receive both advanced placement and credit for elementary and intermediate courses (101, 102; 201, 202) on the basis of their scores on the examinations of the Advanced Placement program of the College Entrance Examination Board (AP), and the College level Examination Program (CLEP). For specific information on the AP and CLEP tests, see pg. 27 (See the chair of the department for information on the scheduling of the tests.)

MAJOR REQUIREMENTS FOR THE B.A. IN FRENCH OR SPANISH

1. Twenty-two hours (including Senior Seminar) in the major language numbered above 202, three of which must be selected from conversation laboratories (211, 212; 311, 312).
2. Supportive courses as follows:
    a. Choose option I or II.
        I. Nine semester hours in English courses (excluding courses in journalism) numbered above 102.
        II. Six semester hours in English courses (excluding courses in journalism) numbered above 102, and three semester hours in a history course approved by the adviser.
    b. Three semester hours in Philosophy.
    Strongly recommended are three additional hours in religion or philosophy and six hours in fine arts.

(Students will also be advised to take, as part of the options above: English 420 or another course with emphasis on critical theory, if the major emphasis is on literature; if the emphasis is on language, English 309 or another course in linguistics.)

MAJOR REQUIREMENTS FOR THE B.A. IN FOREIGN LANGUAGES

1. Twelve semester hours in the major language in courses numbered above 202, including, if French or Spanish, three hours in conversation laboratories (211, 212; 311, 312).
2. Eight semester hours in the minor language in courses numbered above 202, including, if French or Spanish, two hours in conversation laboratories (211, 212; 311, 312).
3. Supportive courses are the same as those required for the B.A. in French or Spanish.

A major may be admitted to the Department's Honors Program if he or she has attained junior standing and meets the other requirements. (See pg. 64 of the catalogue). For details, consult the department chairman.

MINOR REQUIREMENTS

1. In French or Spanish, twenty-two semester hours including:
    a. Six semester hours in courses numbered above 300, three of which shall be in literature.
    b. Two semester hours selected from conversation laboratories 211, 212; 311, 312.
2. In other languages, twenty (20) hours in the language including six semester hours in courses numbered above 300, three of which shall be in literature.

DEPARTMENTAL PROGRAM; BUSINESS/SPANISH COORDINATE PROGRAM

This coordinate program with the School of Business is designed to prepare the business student to work in a Spanish-speaking country or a Spanish-speaking area of the United States. The student admitted to this program will normally major in business and will receive a B.S. degree.

1. Required courses in Business are 321, 323, 346, and 325.
2. Required courses in Economics are 101, 303, 311, and 312.
3. Required courses in Accounting are 203-204.
4. Required courses in Spanish beyond 202 are 206, 305, 308, and a 400-level course. Certain of these courses are flexibly designed to permit the students to familiarize themselves with the specialized vocabulary and literature of their field of interest.
5. Supportive requirements:
   A. MATH 109 or higher.
   B. HIST 341 or PSC 306.
   C. A computer science course.

Inquiries concerning the program should be addressed to Dr. Arnold M. Penuel of the Department of Foreign Languages.

DEPARTMENTAL COURSES

(FLNG)

FOREIGN LANGUAGE 100. GREEK AND LATIN ELEMENTS IN SPECIALIZED ENGLISH TERMINOLOGY 1

No knowledge of Greek or Latin required. Analysis of English word formation from Greek and Latin elements for the prospective student in medicine, dentistry, law, and graduate work in the arts and sciences.

FOREIGN LANGUAGE 300. STUDY ABROAD (CREDIT EVALUATED)

Centenary-approved enrollment in courses pursued abroad, such as concurrent registration in study abroad programs through ACS and CODOFIL.

FOREIGN LANGUAGE 330. METHODS OF TEACHING FOREIGN LANGUAGES 3

A study of various approaches to the teaching of foreign languages to children and adults, including readings in current theories of language teaching and learning and opportunities for observation and practice teaching. Prerequisite: completion of the intermediate level of a foreign language. On demand.

FOREIGN LANGUAGE 391, 392. STUDIES IN FOREIGN CULTURES: INTRODUCTION TO LANGUAGE 3,3

A one-semester introduction to historical and descriptive linguistics with interdisciplinary applications. Some attention to the place of English in other cultures. No knowledge of a foreign language required. (Also listed as ENGL 391, 392)

FOREIGN LANGUAGE 393W, 394W. STUDIES IN FOREIGN CULTURES: LITERATURES IN TRANSLATION 3,3

Prerequisite: ENGL 201 or permission of the instructor. No knowledge of a foreign language required. Studies in the nature and ideas of foreign cultures through film and/or the literatures of classical or modern languages in English translation. Individual topics may not be repeated for credit. (Also listed as ENGL 393W, 394W) (Not taught as a W-course in the summer.) Each semester.

FOREIGN LANGUAGE 400. INTERNSHIP 1-3

This course involves practical experience in the teaching of foreign languages or in the use of foreign languages in the business world.

FOREIGN LANGUAGE 471-73. SENIOR SEMINAR 1-3
An intensive study of a topic in language, literature, civilization, or foreign language teaching methodology. The student will make an oral presentation or at least one major paper on the topic being studied.

199. MODULE STUDIES 3
Special topics offered during the Module.

NOTE: ***In addition to three class hours weekly, two hours of oral drill or language laboratory work are an integral part of all courses in the department numbered 101-102.***

FRENCH

(FREN)

101-102. ELEMENTARY FRENCH 4-4
The verbal-active approach with emphasis on all four language skills: comprehension, speaking, writing, reading.

201-202. INTERMEDIATE FRENCH 3-3
Prerequisite: FREN 101-102 or equivalent. Grammar review, development of vocabulary and fluency in oral and written expression. Readings on various aspects of French culture, including literature.

211-212. FRENCH CONVERSATION LAB - Second Year 1,1
Prerequisites: FREN 101-102 or consent of the instructor. Normally requires concurrent enrollment in French 201-202. Intensive conversational practice in a small-group setting conducted by native speakers of French. Conversation classes will involve discussion of French customs, and will stress the development of situational vocabulary. Offered every semester.

305. ADVANCED CONVERSATION AND COMPOSITION 3
Prerequisites: FREN 201-202 or equivalent. Intense conversational practice using materials from contemporary French culture including magazines, newspapers, films, and tapes featuring native speakers. Original compositions in French. Includes advanced grammar and pronunciation drill. Offered every Fall semester.

308. INTRODUCTION TO LITERARY TEXTS 3
Prerequisite: FREN 305 or equivalent. Provides an introduction to the study of French literature, and teacher techniques for reading and analyzing short stories, poetry, plays and longer prose selections. One novel will be read in its entirety. Offered every spring semester.

311. FRENCH CONVERSATION LAB - Third Year 1,1
Prerequisites: FREN 201-202, FREN 211-212, or consent of the instructor. Normally requires concurrent enrollment in FREN 305. Intensive conversational practice in a small-group setting conducted by native speakers of French. Conversation classes will involve discussion of French customs, articles from the French press, and will stress the development of vocabulary relating to issues of current concern in France. Offered every semester.

395,396. SELECTED TOPICS 3,3
Prerequisites: FREN 201-202 or equivalent. Study in areas of French language, civilization, or literature not covered by other courses. Individual topics may not be repeated for credit. Offered on demand.

415. LITERATURE OF THE MIDDLE AGES AND THE RENAISSANCE 3
Prerequisites: FREN 201-202 or equivalent, ENGL 201. Study of the masterpieces of medieval and Renaissance literature, including La Chanson de Roland, Tristan et Iseut, Villon, Rabelais, Mon<-> taigne, Ronsard, DuBellay and others. Alternate years.

416. LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES 3
Prerequisites: FREN 201-202 or equivalent, ENGL 201. Study of major seventeenth and

eighteenth-century writers such as Corneille, Moliere, Racine, Pascal, La Fontaine, Voltaire, Diderot, and Rousseau. Alternate years.

419. LITERATURE OF THE NINETEENTH CENTURY 3
Prerequisites: FREN 201-202 or equivalent, ENGL 201. Study of nineteenth-century French authors such as Chateaubriand, Constant, Stendhal, Hugo, Flaubert, Balzac, Baudelaire, Zola, and the Symbolist poets. Alternate years.

420. LITERATURE OF THE TWENTIETH CENTURY
Prerequisites: FREN 201-202, or equivalent, ENGL 201. Study of modern French playwrights, poets, and novelists such as Proust, Gide, Sartre, Ionesco, Claudel, Camus, Malraux. Alte rnate years.

491-493. INDEPENDENT STUDY 1-3
Prerequisites: FREN 201-202 and permission of instructor. Study in a field of French language or literature appropriate to the student's preparation and interests. Individual topics may not be repeated for credit. Offered upon demand.

GERMAN

(GER)

101-102. ELEMENTARY GERMAN 4-4
An audio-lingual approach to basic German speech patterns. Conversation, functional grammar, and reading supplemented by drill in the language laboratory.

201-202. INTERMEDIATE GERMAN 3-3
Prerequisites: GER 101-102 or equivalent. Continuation of oral-aural practice, integrated with a systematic review of grammar, vocabulary building, and composition. Kulturkunde. Extensive reading in modern German prose, including some selections representative of the expository type.

301-302. ADVANCED GERMAN 3-3
Prerequisites: GER 201-202 or equivalent. Advanced readings reflecting various aspects of literary and cultural life in Germany as a basis for written and oral practice designed to increase the student's command of contemporary German. Alternate years.

401W-402W. SURVEY OF GERMAN LITERATURE 3-3
Prerequisites: GER 201-202 or equivalent. Dieser Kurs veranschaulicht die Entwicklung der deutchen Literatur von ihren Anfaengen bis zur Gegenwart. Besondere Betonung liegt bei der Auswahl des Lesestoffes auf den weniger umfangreichen Werken, die in ihrer literarischen Gestalt typische Vertreter der betreffenden Epoche sind. Alternate years.

491-493. INDEPENDENT STUDY 1-3
Prerequisites: GER 201-202 and permission of the instructor. Study in a field of German language or literature appropriate to the student's preparation and interests.

GREEK

(GRK)

101-102. ELEMENTARY GREEK 3-3
An introduction to the fundamentals of Greek grammar with readings in Classical Greek authors. Some attention to New Testament usage.

201-202. INTERMEDIATE GREEK 3-3
Prerequisites: GRK 101-102 or demonstrated proficiency. Review of Greek grammar; readings in the New Testament. May be taught during years when GRK 101-102 is not being offered.

491-493. INDEPENDENT STUDY 1-3
Prerequisites: GRK 201-202 and permission of the instructor. Study in the Greek language appropriate to the student's preparation and interests. Individual topics may not be repeated for credit. Offered upon demand.

ITALIAN

(ITAL)

101-102. ELEMENTARY ITALIAN 3-3
An introduction to Italian with emphasis on all language skills: comprehension, speaking, reading, and composition. Offered on demand.

LATIN

(LAT)

101-102. ELEMENTARY LATIN 3-3
An introduction to the fundamentals of Latin grammar and the reading of Latin authors.

201-202. INTERMEDIATE LATIN 3-3
Designed for freshmen entering with two units of Latin, or those who have had LAT 101-102. Reading from several Latin writers. Systematic review of principles of syntax.

395,396. SELECTED TOPICS 3
Prerequisites: LAT 201-202. Study in some areas of Latin literature not covered elsewhere. Typically, readings will be chosen from Cicero's orations or philosophical works, and an introduction to Latin lyric poetry will follow. Offered on demand.

491-493. INDEPENDENT STUDY 1-3
Prerequisite: Permission of instructor. Advanced study in the Latin writers such as Cicero, Virgil, Ovid, Plautus, Terence, Livy, Sallust, and Lucretius. Individual topics may not be repeated for credit.

SPANISH

(SPAN)

101-102. ELEMENTARY SPANISH 4-4
An eclectic approach to Spanish, stressing oral-aural communication skills, grammar, and the cultural context of the language.

201-202. INTERMEDIATE SPANISH 3-3
Prerequisites: SPAN 101-102, 201: Advanced grammar, composition, conversation, and reading. 202: Reading of selected works in Spanish. Conducted largely in Spanish.

206. APPLIED SPANISH 1
May be taken by students enrolled in SPAN 202 who wish to develop language skills in their specialty. Students will make oral and written reports in Spanish on readings in the literature of their field.

211-212. SPANISH CONVERSATION LAB 1,1
Prerequisites: SPAN 101-102 or consent of the instructor. Normally requires concurrent enrollment in SPAN 201-202. Intensive conversational practice in a very small group, involving discussion of Hispanic customs and the development of situational vocabulary. Offered every semester.

305. ADVANCED CONVERSATION AND COMPOSITION 3

Prerequisites: SPAN 201-202 or consent of instructor. Intense conversational practice, advanced grammar and composition. D esigned to allow students to develop vocabulary in their field. Strongly urged for those planning to teach in the elementary or secondary schools. Alternate years.

308. INTRODUCTION TO SPANISH-AMERICAN LITERATURE 3

Prerequisites: SPN 201-202 or consent of instructor. Readings from the works of representative Spanish-American writers. Conducted in Spanish. Alternate years.

311-312. SPANISH CONVERSATION LAB 1,1

Prerequisites: SPAN 201-202, 211-212 or consent of the instructor. Intensive conversational practice, involving discussion of Hispanic customs, and will stress the development of situational vocabulary. Offered every semester.

395,396. SELECTED TOPICS 3,3

Prerequisites: SPAN 201-202. Study in some areas of Spanish or Spanish-American literature, or of Spanish language, not covered elsewhere. Individual topics may not be repeated for credit. Offered upon demand.

417. LITERATURE OF THE SPANISH GOLDEN AGE 3

Prerequisites: SPAN 201-202 or consent of instructor. A study of sixteenth- and seventeenth-century Spanish literature with emphasis on Cervantes' El Quijote. Conducted in Spanish. Alternate years.

419. NINETEENTH-CENTURY SPANISH LITERATURE 3

Prerequisites: SPAN 201-202 or consent of instructor. A study of the principal nineteenth-century Spanish writers with emphasis on the novelists. Conducted in Spanish. Alternate years.

420. TWENTIETH-CENTURY SPANISH LITERATURE 3

Prerequisites: SPAN 201-202 or consent of instructor. A study of the principal twentieth-century Spanish writers. Conducted in Spanish. Alternate years.

491-493. INDEPENDENT STUDY 1-3

Prerequisites: Two courses above 207 (including SPAN 308 if the study is in Spanish-American literature), and permission of the instructor. Study in a field of Hispanic literature, language, or civilization appropriate to the student's preparation and interests. Individual topics may not be repeated for credit.

President Schwab (left) and Provost Bareikis (right) at the awarding of an honorary Centenary degree to Dr. Michael DeBakey.

GENERAL EDUCATION

(GED)

101,102. CULTURAL PERSPECTIVES 1,1
A two-semester course, required of all freshman and other entering students, designed to encourage them to broaden their cultural perspective and to enrich their liberal arts education through attending various extracurricular events. Credit (pass-fail) may be earned by certified attendance at the following types of events; art, drama, films, music, forums, all-college convocations, and other convocations.

A brochure will be distributed at registration explaining the detailed rules of the program and listing the semester's events and dates. Attendance at a total of ten events is required for each semester.

151. SERVICE LEARNING 0
Participation in one of the community service projects approved by the College. A minimum of 30 hours of supervised service is required.

251. CAREER EXPLORATION 0
Participation in four two-hour meetings designed to explore various career opportunities consistent with the student's interests and aptitude.

351. INTERCULTURAL EXPERIENCE 0
An introduction to another culture. Corequisite of a college-approved course or program designed to satisfy the intercultural requirement.

451. COLLEGE INTERNSHIPS 1-3
Designed to enhance the student's theoretical and practical knowledge through first-hand experience. For students not eligible to participate in departmental internships.

473. SENIOR SEMINAR 3
Liberal Arts majors may elect to take a senior seminar in one of the major departments they have specified in their program. For Liberal Arts majors who do not choose to participate in a departmental senior seminar, an interdisciplinary study may be developed, in consultation with the Centenary Professor of Liberal Arts, to meet individual needs and interests of students. The student will specify choice of option for senior seminar when submitting a degree plan, in consultation with a faculty committee representing the student's major departments. On demand.

Peter Lyons, Kim Rowsey, John Jarboe, John Bundrick, Alex Standlakay, Cash Kehey, Katie Hall, and Heather Peak in a scene from Shakespeare's "Hamlet".

GEOLOGY AND GEOGRAPHY

Professor Sartin, *Chairman*
Associate Professor: Bieler
Assistant Professors: Vetter, Barrett
Professors Emeriti: Parker, Shaw
Lecturer: Sneed

Introductory courses offered by the Geology Department are designed to broaden the student's knowledge and understanding about the earth and to develop an appreciation for our environment. The materials that make up the earth and the processes that control their genesis and deformation form the basis of the first course in geology. In the second course, these modern processes are used as models in determining the history of the earth.

At the advanced level, the department offers areas of study for both the prospective professional and the individual interested in geology but not intending to make it a career. The student interested in geology as a career should obtain the B.S. degree in geology. This course of study provides the fundamentals of earth science and supporting sciences necessary for successful graduate study or for employment as an entry level geologist. Students who wish to terminate their education at the bachelor's level may find employment with an oil or mining company, an environmental firm, or a government agency. Qualified students are directed toward further study in a graduate program. It should be noted that the master's degree is usually obtained by those people who desire to be professional geologists and that a strong background in supporting sciences is increasingly desirable. The B.A. degree in geology is designed for students desiring a firm foundation in geology and liberal arts. The major is excellent preparation for someone who is interested in the business aspects of the petroleum industry or environmental management and is good preparation for some specialties in law.

Much of the economy of the Ark-La-Tex is related to oil and gas. Full-time students in the department have access to local well-log libraries (restricted membership) which have complete collections of well logs and other types of data for the area. The department has an extensive collection of well logs, maps, and other data pertinent to petroleum exploration and production for areas outside the Ark-La-Tex. All of these resources can be used as the bases for independent study and senior honors projects.

MAJOR REQUIREMENTS FOR THE B.S. DEGREE

In addition to the courses meeting the requirements of the College, a candidate for the B.S. degree must take:

1. Thirty-eight (38) semester hours in Geology, including 101/111, 102/112, 205, 206, 353, 354, 355, 356, 357, 403, and 473. The student may substitute 390 for 356 with the permission of the department.

2. Supportive courses as follows:
    a. CHEM 101/111 and 102/112.
    b. PHYS 104-105, or 8 hours in Biology from (101/111, 104, 201).
    c. MATH 115 and 201.

DEPARTMENTAL HONORS IN GEOLOGY

Candidates for departmental honors must apply to the department chairman by the beginning of the second semester of the junior year. Honors candidates must complete GEOL 497 in addition to the above listed requirements; the results of the research will also be presented before a colloquium of Geology faculty and students.

MINOR REQUIREMENTS:

Students electing to minor in geology must take twenty (20) hours in geology including GEOL 101/111 and 102/112. At least six (6) hours must be at the 300-level or higher. One field-oriented module (GEOL 199) may be counted toward the minor. The program for the minor must be approved by an adviser in the department. Education majors considering this option should consult state certification requirements (see pp. 105-106, 108-113.)

REQUIREMENTS FOR A B.A. DEGREE IN GEOLOGY

In addition to the courses meeting the requirements of the College, a candidate for the B.A. Degree in Geology must take:

1. Thirty-three (33) hours in Geology, including 101/111, 102/112, 203, 205, 206, 355, 403, 473.
2. Supportive courses as follows:
    Four courses selected from
    - Math (above the 107 level)
    - Computer Science (above the 101 level)
    - Biology, Chemistry and Physics with appropriate laboratories (not including CHEM 105/115 and PHYS 103/113)
    - An approved course in statistics
    - Geography

Students completing the B.A. degree in Geology are strongly encouraged to complete a minor in another discipline or to complete certification for secondary education.

GEOGRAPHY

(GEOG)

201. WORLD GEOGRAPHY 3

An overview of the various nations of the world and their economic and cultural attributes.

202. PHYSICAL GEOGRAPHY 3

A study of the human physical environment including the atmosphere, the oceans, and the surface of the earth.

205. CULTURAL GEOGRAPHY 3
A study of the cultural diversity of man as a function of geographical distribution.

207. GEOGRAPHY OF LOUISIANA 3
A study of the influence of Louisiana's geomorphological features, natural resources and environment on development. Alternate years.

GEOLOGY

(GEOL)

GEOL 101/111 and 102/112 are prerequisites for all other geology courses. Admission to advanced geology classes is allowed after successful completion of these prerequisites or upon permission of the instructor.

101. PHYSICAL GEOLOGY (LAB REQUIRED) 3
A study of the materials that make up the earth and the physical processes that are responsible for the earth's characteristic physical features. Every semester.

111. PHYSICAL GEOLOGY LABORATORY 1
Concurrent registration in GEOL 101 required. Practical studies of minerals, rocks, and the interpretation of geologic phenomena from maps and other data. Every semester.

102. HISTORICAL GEOLOGY (LAB REQUIRED) 3
Prerequisite: GEOL 101/111. The study of the history of the earth's crust, including an introduction to the history of life as shown by the fossil record. Every semester.

112. HISTORICAL GEOLOGY LABORATORY 1
Concurrent registration in GEOL 102 required. Practical studies of sedimentary rocks and their depositional environments, fossils, and the use of geologic maps to interpret the geologic history of North America. Every semester.

203. ENVIRONMENTAL GEOLOGY 3
Prerequisite: Completion of science core requirement. A study of the interactions of people with their physical environment, including pollution, the effects of urbanization, geologic hazards, and geologic resources. Offered on demand.

205. INTRODUCTION TO PALEONTOLOGY 4
Prerequisite: GEOL 102 or BIOL 101 or 104. The study of ancient organisms and their preservation as fossils. Laboratory work emphasizes the important groups of invertebrate fossils.

213. ENVIRONMENTAL GEOLOGY LABORATORY 1
Corequisite: GEOL 203. Practical studies of the impact of people's interactions with the environment. Topics will include pollution, geologic hazards and effects of urbanization.

206. MINERALOGY 4
Prerequisite: GEOL 101; recommended prerequisite: CHEM 101. A study of the common minerals in the earth's crust, their physical properties and identification, and the environments in which they form. Spring.

351. ECONOMIC GEOLOGY 3
Prerequisite: GEOL 206. The genesis of ores, the structure and stratigraphy of mineral-producing ores, and the economic aspect of mineral deposits. Offered on demand.

353. OPTICAL MINERALOGY AND IGNEOUS PETROLOGY 4
Prerequisite: GEOL 206. Optical properties of minerals and the use of the petrographic microscope. Petrography of igneous rocks and discussion of their origin. Fall.

354. SEDIMENTARY AND METAMORPHIC PETROLOGY 4
Prerequisite: GEOL 353. Petrography of sedimentary and metamorphic rocks and discussion of their origin. Spring.

355. STRUCTURAL GEOLOGY 4
The description and occurrence of geologic structures. The laboratory emphasizes structural geometries and subsurface projections.

356. FIELD METHODS 2
Introduction to the use of geological field instruments for measuring and describing rocks in the field and the preparation of geologic maps. Spring.

357S. CURRENT TOPICS IN GEOLOGY 1
An introduction to the principal professional journals in geology. The student will be responsible for reading articles from those journals and presenting oral summaries to the class.

390. FIELD GEOLOGY 6
Prerequisites: GEOL 101, 102, 206, 352, 355, or approval of instructor. A six-week course in field methods, geologic mapping, and preparation of geologic reports. The work will include preparation of topographic and geologic maps, cross-sections, columnar sections, and structural studies in an area encompassing igneous, sedimentary, and metamorphic rocks. Plane-table and aerial-photo techniques will be used in map preparation. Summers only. Recommended for all geology majors seeking a B.S. degree.

395,396. SELECTED TOPICS 3,3
Designed for those topics not normally offered in the curriculum.

403W. SEDIMENTATION AND STRATIGRAPHY 4
A study of the origin, distribution, and depositional environments of sediments and the application of that study to understanding the stratigraphic history of sedimentary basins. Fall.

404. GEOLOGY PETROLEUM 3
The origin, migration, and accumulation of petroleum and its occurrences in the oil and gas fields of the United States with particular emphasis on the Gulf Coast region.

406. INTRODUCTION TO GEOPHYSICS 3
Prerequisite: MATH 115, PHYS 104. A study of the physical properties of the earth as a body, the physical properties of earth materials, and the uses of geophysical techniques to understand both the shallow subsurface and the deep interior of the earth. Offered on demand.

473. SENIOR SEMINAR 3
The plate tectonic and stratigraphic development of North America. The vehicle of instruction will be recent journal articles, class discussions, and presentations by members of the class.

491-496. INDEPENDENT STUDY 1-6
Prerequisite: Consent of instructor. In-depth studies of those aspects of geology not normally covered in existing courses. Offered on demand. 493-496 will satisfy college requirements for a "W" course.

497. SENIOR HONORS PROJECT 3
Independent research and preparation of a paper addressing the context, methods, and results of the research. Research for this project will generally have been initiated during registration in GEOL 493.

199. MODULE STUDIES 3
Special topics offered during the Module.

Students enjoy laboratory experiences at Centenary College.

HEALTH AND EXERCISE SCIENCE

Professor LeFevers, *Chairperson*
Professors: Farrar, Bedard

The Department of Health and Exercise Science offers an opportunity for all students to participate and acquire skills and knowledge in a variety of sports and activities, including individual and team sports, conditioning exercises, dance, gymnastics, and swimming. The department prepares its majors for teaching in elementary and secondary schools, athletic coaching, recreational work in churches, admission to graduate school, and careers in wellness and fitness centers.

MAJOR REQUIREMENTS FOR THE B.S. IN HEALTH AND PHYSICAL EDUCATION (TEACHER CERTIFICATION)

1. Thirty hours in Exercise Science including EXSC 223, 239, 241, 242, 324, 325, 326, 330, 345, and 424.
2. Seventeen hours in Health including HLTH 101, 221, 224, 354, 355, and 357.
3. All majors wishing to certify as teachers must meet the state certification requirements for Education (see Education).

MAJOR REQUIREMENTS FOR THE B.S. IN HEALTH AND EXERCISE SCIENCE

1. Twenty-nine hours in Exercise Science including EXSC 201 (Aerobics), 201 (Weight Training), 223, 241 or 242, 324, 325, 326, 330, 335S, 400 (Internship, 3 hours), and 473.
2. Eleven hours in Health including HLTH 101, 221, 355W, and 357.
3. Supportive requirements are eighteen hours including Biology (8 hours), Chemistry (4 hours), Psychology 211, and a computer science course.

MINOR REQUIREMENTS

1. Exercise Science Minor:
   Twenty hours in Health and Exercise Science including EXSC 223, 241 or 242, 324, 325, 330 or 359, 335S, and HLTH 221.
2. Health Minor:
   Twenty hours in Health and Exercise Science including HLTH 101, 221, 224, 354, 355W, 357, and EXSC 324.

EXERCISE SCIENCE (EXSC)

101,102. VARSITY ATHLETICS 1,1
Activity course for individuals engaged in varsity athletics and cheerleading.

103. DYNAMIC PHYSICAL FITNESS FOR CONTEMPORARY SOCIETY 2
A self-paced course designed to guide the student through self assessment, the establishment of a fitness profile, a goal-setting process, and finally the construction of and participation in a well-rounded program toward the improvement and/or maintenance of a desired level of physical fitness. Offered each semester.

121-122. BALLET (BEGINNING) 1-1
Introduction to the fundamentals of classical ballet and vocabulary. (Same as THSP 121-122)

123-124. TAP (BEGINNING) 1-1
Basic tap technique and vocabulary. (Same as THSP 123-124)

125-126. JAZZ (BEGINNING) 1-1
Introduction to basic modern jazz technique and vocabulary with emphasis on body placement and exercises to increase the flexibility of the body. (Same as THSP 125-126)

127-128. MODERN DANCE (BEGINNING) 1-1
Introduction to basic modern dance technique, terminology, and philosophy. (Same as THSP 127-128)

201. CO-EDUCATIONAL ACTIVITY 1-1
Aerobic Conditioning, Archery, Badminton, Bowling, Golf, Gymnastics, Power Volleyball, Racketball, Swimming, and Tennis, Outdoor Adventure Activities, and Weight Training.

222. TECHNIQUES OF GYMNASTICS 2
Instruction in the techniques of teaching basic skills in men's and women's gymnastics. On demand.

223. HISTORY AND PRINCIPLES OF HEALTH AND PHYSICAL EDUCATION 3
An introductory course designed to acquaint students with the biological, psychological, and sociological foundations of physical education, and to provide historical reference sufficient for intelligent interpretation and evaluation of current practices in the field. Yearly.

239. MATERIALS AND METHODS OF P.E. FOR THE ELEMENTARY GRADES 3
Prerequisite: PSY 211 or equivalent. A study of factors influencing effective organization and instruction of physical education in the modern elementary school with emphasis upon movement education. Yearly.

240. PHYSICAL EDUCATION FOR THE UPPER ELEMENTARY GRADES 3
A study of factors influencing the instruction and curriculum of upper elementary physical education in the modern elementary school. Yearly.

241. SKILLS AND TECHNIQUES OF TEACHING INDIVIDUAL SPORTS 3
Prerequisite: EXSC 223. A course designed to develop knowledge, teaching techniques, and skills in individual sports and appropriate to the physical education teacher.

242. SKILLS AND TECHNIQUES OF TEACHING TEAM SPORTS 3
Prerequisite: EXSC 223. A course designed to develop knowledge, teaching techniques, and skills in team sports and appropriate to the physical education teacher.

243-244. TAP (INTERMEDIATE) 2-2
Permission of instructor required. Concentration of riffs, pull-backs, wings, turns, and other specific advanced movements. (Same as THSP 243-244)

245-246. JAZZ (INTERMEDIATE) 2-2
Permission of instructor required. In-depth exploration of basic jazz movements with emphasis on rhythmic patterns, dynamics, space, and levels. (Same as THSP 245-246.)

247-248. MODERN DANCE (INTERMEDIATE) 2-2
Prerequisite: THSP 127 and 128 or permission of instructor. Concentration on technical proficiency with emphasis on individual creativity. (Same as THSP 247-248)

261-262. BALLET (INTERMEDIATE) 2-2
Permission of instructor required. Designed to increase the student's knowledge of ballet by

extending his vocabulary of classical movement with emphasis on the importance of precision and proficiency. (Same as THSP 261-262)

324. KINESIOLOGY 3
A study of the factors influencing bodily movement. Consideration is given to the mechanical and physiological actions of joints and muscles. Yearly.

325. PHYSIOLOGY OF EXERCISE 3
Prerequisites: BIOL 101, 111. A study of the physiological effects of physical activity on the body systems. Emphasis is placed on the physiological response of the muscular, cardiovascular, and respiratory systems to physical exercise. Yearly.

326. MOTOR LEARNING 3
A presentation of the basic learning principles which underlie motor skill performances associated with physical activity and sports and an examination of the variables affecting skill learning. On demand.

330. TESTS AND MEASUREMENTS 3
Prerequisite: EXSC 223. A study of tests designed to measure health, physical fitness, strength, motor ability, game skills and the use of the results of the tests. Yearly.

331. SWIMMING AND LIFESAVING TECHNIQUES 2
A course designed to develop basic skills in swimming as well as the ability to aid others in distress in water. Senior Lifesaving Certificate of the American National Red Cross may be obtained. On demand.

333. THEORY AND TECHNIQUES OF CONDITIONING AND WEIGHT TRAINING 3
A study of the application of scientific principles of conditioning and weight training as it relates specifically to the teaching of physical activity and sport. The development of strength, flexibility, and endurance will be explored as it applies to off-season, pre-season, in-season, and post-season conditioning programs. Other topics include the variance among conditioning/weight training programs, medical examinations, warm-up procedures, nutrition, and fluid control. On demand.

335S. WELLNESS AND HUMAN PERFORMANCE IN THE PRIVATE SECTOR 3
Prerequisite: EXSC 325. A study of the application of theory and skills necessary for successful implementation of wellness and fitness programs. Emphasis will be on assessment and research techniques. Yearly.

345S. METHODS AND MATERIALS OF TEACHING HEALTH AND PHYSICAL EDUCATION IN THE SECONDARY SCHOOLS 3
Prerequisite: EXSC 223, PSY 211 or equivalent and a score of 644 or above on the General Knowledge Examination and a score of 645 or above on the Communication Skills Examination of the NTE. Curriculum planning based upon grade characteristics and educational philosophy. Emphasis will be placed on teaching-learning strategies, selection and design of materials, and analysis. Yearly.

346S. PRINCIPLES AND PROCEDURES OF COACHING WOMEN'S SPORTS 3
An examination of the history, values, and trends in extracurricular sports programs for girls and women. Emphasis will be placed upon anthropometric and physiological factors, physical conditioning, sports training, and psychological and sociological implications of girls' and women's sports. On demand.

347. TECHNIQUES OF COACHING FOOTBALL 3
A study of the basic offensive and defensive formations and patterns, their strengths and weaknesses. Instruction in fundamentals, program organization, and administration are included. Yearly.

348. TECHNIQUES OF COACHING BASEBALL 3
A study of the fundamentals of baseball and game strategies. Yearly.

350. TECHNIQUES OF COACHING TRACK AND FIELD 3
An examination of the fundamentals of track and field events and meet administration. On demand.

359. PHYSICAL EDUCATION FOR SPECIAL POPULATIONS 3
A course designed to prepare the physical educator to select and conduct physical education activities for children with physical and/or mental handicaps. Attention will be given to adapting activities and remedial techniques. On demand.

361-362. BALLET (ADVANCED) 2-2
Permission of instructor required. Concentration on the performance aspects of ballet. Pointe work for women. Adagio and partner work for men. (Same as THSP 361-362)

363-364. TAP (ADVANCED) 2-2
Permission of instructor required. Exploration of various styles of tap such as soft shoe, ballet-tap and buck-and-wing with concentration on performance aspects and choreographic uses. (Same as THSP 363-364)

365-366. JAZZ (ADVANCED) 2-2
Permission of instructor required. Exploration of various styles of jazz dance such as lyrical, rock and musical comedy varieties with concentration on performance aspects and choreographic uses. (Same as THSP 365-366)

367-368. MODERN DANCE (ADVANCED) 2-2
Prerequisite: THSP 247-248 or permission of instructor. Exploration of various styles of modern technique with concentration on performance and choreography (Same as THSP 367-368)

395,396. SELECTED TOPICS 3,3
A detailed study of an area of physical education not normally covered in regular physical education courses. On demand.

400. INTERNSHIP IN HEALTH AND EXERCISE SCIENCE 3
Prerequisite: Health and Exercise Science major. This course will provide the opportunity for the student to work in a practical situation and gain knowledge by first-hand experience in various areas of fitness and wellness. Yearly.

424. ADMINISTRATION OF HEALTH, PHYSICAL EDUCATION AND ATHLETICS 3
Prerequisite: EXSC 223. A study of the principles underlying the organization and administration of programs of health, physical education and athletics in modern schools. Yearly.

473. SEMINAR IN HEALTH AND EXERCISE SCIENCE 3
Senior Seminar. Prerequisite: Senior Health and Exercise Science major — permission of instructor. An advanced study in Health and Exercise Science with particular emphasis on a review of the parameters of Human Performance and Wellness. Members of the class will be expected to complete a review of literature in pertinent areas. On demand.

491-496. INDEPENDENT STUDY 1-6
Prerequisite: Permission of department. A course of directed study and independent work under the supervision of a member of the department. In certain cases credit may be given for supervised work in community and college activities in the field of physical education. On demand.

199. MODULE STUDIES 3
Special topics offered during the Module.

HEALTH (HLTH)

101. PERSONAL AND COMMUNITY HEALTH 3
Prerequisite: EXSC 103. An introduction to factors influencing and determining personal and community health with emphasis upon major health problems of adults and environmental health problems. Alternate years.

221. FIRST AID AND PERSONAL SAFETY 2
Designed to develop competence in rendering immediate and temporary aid to a victim of accident, sudden illness, or athletic injury. Theoretical and practical approach. Covers both standard and advanced courses of the American National Red Cross, with certificates granted for satisfactory work. Meets three hours each week. Yearly.

224. SAFETY EDUCATION 3
A study of safety, including causes and prevention of accidents at home, school, traffic, industry, and recreation; laws concerning legal liability, accidents, and liability insurance. Yearly.

354. SCHOOL HEALTH 3

Prerequisite: HLTH 221. A study of major health problems of elementary school children including health screening methods, materials, and modern health resources. Yearly.

355W. DRUG EDUCATION 3

A study of the sources, effects, and abuse of legal and frequently abused drugs, and the community and personal factors associated with this abuse. Yearly. (Not taught as a "W" class in the summer.)

357. CONSUMER AND NUTRITION EDUCATION 3

A study of health services, products, and nutrition with emphasis upon methods and materials pertinent to health education. Yearly.

Scenes from the May Module
"Experience the Sacred Wilderness: A True Adventure."

HISTORY AND POLITICAL SCIENCE

Professor Grunes, *Chairman*
Professors: Hancock, Shepherd
Associate Professor: Peek, Marcum

The courses offered by the Department of History and Political Science are designed to make an essential contribution to a liberal education by providing the general student with a comprehensive and integrated knowledge of man's history; to provide the training necessary for more advanced study in history and political science; and to provide the practical knowledge of historical and political developments which is an essential part of the preparation of those students expecting to enter the professions of law, government service, politics, education, and business.

For those interested in teaching history, political science, or social studies at the secondary level, see description of B.A. in social studies education, page 115.

HISTORY

(HIST)

MAJOR REQUIREMENTS

1. A candidate for the B.A. in History must complete thirty (30) semester hours in history, including 202, 203, 205, 206, and 483.
2. Of these thirty semester hours, fifteen (15) must be in courses numbered 300 and above.
3. Supportive courses required are nine (9) semester hours in political science, and completion of the intermediate level of a foreign language approved by the major adviser.

DEPARTMENTAL HONORS

To be admitted to the Departmental Honors Program, a student must meet the general college requirements for honors programs. An honors student will follow a course of study consisting of a minimum of six semester hours of independent study in addition to the Seminar in History or the Seminar in Political Science (depending on major). An honors student will complete a written and/or an oral presentation to demonstrate mastery of the discipline of history or the discipline of political science.

MINOR REQUIREMENTS

For a minor in History, students must complete 18 hours of History courses which must meet the following requirements:

1. At least 9 hours of course work in HIST 202, 203, 205, 206.
2. At least 6 hours of courses numbered 300 or above.
3. At least 6 hours of U.S. history courses and at least 6 hours of other history courses.

201. WESTERN HERITAGE TO 1527 3

The course begins with a brief survey of ancient Near Eastern cultures, kingdoms, and empires, including the Hebrews. It then turns to ancient Greece, especially Athens and Sparta to view the evolution of those city-states. After a survey of the expansion of Rome from agricultural villages to the master of the Mediterranean world, the course concentrates on developments in western Europe in the wake of Roman collapse there. The course views some key medieval movements and institutions, such as manorialism, feudalism, monasticism, the papacy, urbanization, and universities. The course ends with a survey of the Italian Renaissance and the transition from medieval to early modern Europe. Offered in the fall.

202. WESTERN HERITAGE 1300-1815 3

This course begins with the late medieval transition to the Reformation era. It then concentrates on the sixteenth and seventeenth centuries, which witnessed the division of the unified Western church into numerous denominations, wars of religion, rise of centralized monarchies, early expressions of religious toleration, and the age of reason. Europe's colonial and commercial expansion in this era led to global conflict, development of capitalism, and the early phase of the industrial revolution. The course then views how the French Revolution brought down absolute monarchy and replaced it with Napoleon's "enlightened despotism." The course ends with a survey of Napoleon's expansion and defeat. Offered in the fall.

203. WESTERN HERITAGE SINCE 1789 3

The course begins with a survey of the era of the French Revolution and Napoleonic wars and moves to the Vienna settlement, which gave Europe a "generation of peace." The nineteenth century was the period during which western nations industrialized, competed for empire, and struggled internally with a rising middle class and then a rising working class. Western culture was shaken by interpretations of life and society inspired by the work of Karl Marx and Charles Darwin. In the last quarter of the century, Germany was becoming the powerful and aggressive nation which would disrupt the twentieth century. World War I, the Bolshevik revolution in Russia, western economic collapse, World War II, the introduction of nuclear power, the multiplication of communist governments, and superpower arms race are important themes of the twentieth century. Offered in the spring.

205. HISTORY OF THE U.S. TO 1877 3

A survey of the major developments in the history of the United States from colonial times to 1877. Yearly.

206. HISTORY OF THE U.S. FROM 1877 3

A survey of the major developments in the history of the United States from 1877 to present. Yearly.

207. HISTORY OF LOUISIANA 3

A survey of the history under France, Spain, and the United States. Alternate years.

307,308W. HISTORY OF ENGLAND AND GREAT BRITAIN 3,3

A general survey of the history of England and the British Empire to the present time. Alternate years.

312. TWENTIETH-CENTURY UNITED STATES 3

The social, economic, and political development of the United States in its role as major world power in the twentieth century. Spring of alternate years.

318S. EUROPE IN AN AGE OF REFORM AND REVOLUTION, 1500 TO 1650 3

A study of religious, political, social, and economic changes in western Europe which, along with revolutions and wars in Germany, France, the Netherlands, and England, made this an era of European transformation.

319. RUSSIA TO 1860 3

An exploration of themes and issues of Russian history to the middle of the nineteenth century. Offered on demand.

320. HISTORY OF MODERN RUSSIA 3
A study of Russia from the nineteenth century with an emphasis on the Russian Revolution and the development of the Sovier Union. Offered on demand.

321,322W. AMERICAN SOCIAL AND INTELLECTUAL HISTORY 3,3
The evolution of American social institutions and cultural life from the colonial period to the present. The course will focus on the development of various types of American communities and will emphasize changes in American families, religious, and ethnic groups, business and educational organizations, and social structure. Alternate years.

325. HISTORY OF THE ANTE-BELLUM SOUTH 3
An examination of the South from colonial days through the Civil War with emphasis on the institution of slavery, agriculture, society, and the development of sectionalism. Fall of alternate years.

326. HISTORY OF THE MODERN SOUTH 3
A study of the South from Reconstruction to the present, with emphasis on politics, economics, culture, and race relations. Spring of alternate years.

341. LATIN AMERICA 3
A survey from colonial time to the present, with special attention given to developments in the twentieth century.

395,396. SELECTED TOPICS 3,3
Prerequisite: Consent of the instructor. A detailed study of areas of history not normally covered in regular history courses. Offered on demand.

400. INTERNSHIP 1-3
Prerequisite: Junior standing and approval of departmental faculty. This course will consist of supervised internship with an approved employer and might include such professional projects as engaging in research and writing, creating historical bibliographies, and providing achival of museum services. Offered on demand.

473. SEMINAR IN HISTORY 3
Prerequisite: Consent of the instructor. The study of historical and political issues and problems in a selected period of history. Members of the class will do extensive reading and research on various aspects of the period selected and will use the research methods best suited to the particular project. On demand.

491-496. INDEPENDENT STUDY 1-6
Students taking History Honors will earn credit with Honors in this course through concentrated study of selected topics. Other students with particular historical interests which cannot be satisfied in regularly listed courses may register for directed study in areas such as Progressivism, Modern India, Society in the 1920's, American Foreign Policy, the Industrial Revolution in England, and others, subject to faculty approval. May be repeated for credit with different topics. Permission of the department is required. Yearly.

199. MODULE STUDIES 3
Special topics offered during the Module.

POLITICAL SCIENCE

(PSC)

MAJOR REQUIREMENTS

A candidate for the B.A. in Political Science must complete:

1. Thirty-three hours in the major, including 101, 102, 208, 258, twelve semester hours at the 300 level or above, and 483. Of the twelve semester hours at the 300 level or above at least three hours must be

in the fields of American Government or Public Law, and three hours in Comparative Politics or International Politics.

2. Supportive courses required are nine (9) hours of history; majors are also expected to complete the intermediate level in a foreign language approved by the major adviser.

A student may be admitted to the Department's Honors Program if he or she has attained junior standing and meets the other requirements. For details see above.

MINOR REQUIREMENTS

For a minor in Political Science, a student:

1. Must complete twenty-one semester hours in the minor including 101, 102, 111 or 208, and six semester hours at the 300 level or above.

PSC 101 or 207 is recommended for all courses numbered 300 and above in the areas of Comparative Government and Politics and International Politics; PSC 102 or 103 is recommended for all courses numbered 300 or above in the areas of American Government and Politics and Public Law and Political Theory.

101. INTRODUCTION TO COMPARATIVE POLITICS 3

An introduction to the basic conceptual frameworks used in political science through a survey of the major political systems of Europe. Yearly.

102. INTRODUCTION TO AMERICAN GOVERNMENT AND POLITICS 3

A survey of the foundations and institutions of American government and politics: the Constitution; federalism; separation of powers; campaigns; elections; political parties; interest groups; the media; public opinion; and executive, legislative, judicial and bureaucratic policy-making at national, state, and local levels.

103. CONTEMPORARY ISSUES IN PUBLIC POLICY 3

An analysis of selected national issues in public policy; their origin, development, and impact. Emphasis on the policy-making process. Topics may include energy, environmental protection, agriculture, criminal justice, taxing and spending, education, health, welfare, and foreign policy. Yearly.

111. INTRODUCTION TO WORLD POLITICS 3

A survey of the major political, economic, and military conflicts that have shaped the international system since World War II. Yearly.

208. INTRODUCTION TO LAW 3

An interdisciplinary examination of the nature and functions of law; the process of legal development; court procedures; law and society; and the roles of police, lawyers, and judges in the legal system. Special attention given to the techniques of legal research. Yearly.

214. INTRODUCTION TO RESEARCH METHODOLOGY 3

The fundamental principles of scientific analysis of data and basic research methodologies applicable to the social sciences will be surveyed. Course will be offered yearly but will be taught by different departments involved in different years. May not be used to fulfill distributive requirements. (Same as PSY 214)

258. POLITICAL ANALYSIS 3

Prerequisite: PSC 101, 102, or 111. An examination of the major theoretical approaches used in the study of political behavior. Yearly.

300. WASHINGTON SEMESTER PROGRAM

See page 185 for description.

303. STATISTICS FOR BEHAVIORAL SCIENCE 3

Prerequisite: MATH 105 or higher. The logic and application of standard statistical tests in the analysis of data. Topics include descriptive statistics, statistical inference, correlation, T-test, and simple analysis of variance. Yearly. (Same as PSY 303)

306S. THIRD WORLD POLITICS 3

Prerequisite: PSC 101, 111, or consent of instructor. An examination of the process of political change and economic development through the use of case studies from Latin America. Alternate years.

307W. POLITICAL THEORY 3

A study of classic political thought and its use in modern political analysis. Offered on demand.

310. U.S. FOREIGN POLICY 3

Prerequisites: PSC 102, 111, HIST 312 or consent of instructor. A detailed examination of the domestic factors that have shaped U.S. foreign policy since World War II. Alternate years.

316. POLITICAL PARTIES AND ELECTIONS 3

Structure and function of party systems, nominations, and campaigns; voting behavior of the electorate. Offered on demand.

319W. MODERN RUSSIAN POLITICS 3

Prerequisite: PSC 101, 111 or consent of instructor. An examination of the domestic and international factors that have shaped the political and economic development of Russia since 1917. Alternate years.

322. ASIAN POLITICS 3

Prerequisite: PSC 101, 111, or consent of instructor. An examination of the domestic and international factors that have shaped the political and economic development of modern Japan and China. Alternate years.

324. INTERNATIONAL LAW AND ORGANIZATIONS 3

Prerequisites: PSC 111, 258 or consent of instructor. An introduction to the basic principles of public international law in such areas as the rules of war, the law of the seas, and human rights; and a survey of the related functions of the United Nations. Alternate years.

335W. PRESIDENCY, CONGRESS, AND PUBLIC POLICY 3

Analysis of the presidency and Congress within the framework of the policy-making process. Alternate years.

336W. JUDICIAL PROCESS AND BEHAVIOR 3

The organization, jurisdiction, and functions of the U.S. federal court system. Special emphasis given to: the roles of the judiciary; the decision-making process; and the impact of judicial decisions. Alternate years.

340. URBAN POLITICS 3

Prerequisite: PSC 210 or 102 or permission of the instructor. Growth of cities and metropolitan areas. Emergence of the urban environment as a focus for public policy. Implications of metropolitan development and functions for the organization of government and politics in the United States. Impact of the metropolis on governmental programs will also be considered. Offered on demand.

355S. CONSTITUTIONAL LAW AND AMERICAN POLITICS 3

American constitutional principles are examined through an analysis of Supreme Court decisions. The focus will be on judicial decision-making in the areas of judicial review, the separation of powers, federalism, and the economic system. Alternate years.

356. THE POLITICS OF CONSTITUTIONAL RIGHTS AND LIBERTIES 3

The issues of American civil liberties and civil rights are examined within the framework of decisions of the Supreme Court. Attention given to the legal process as an instrument of social change in the areas of racial equality, women and the law, religious liberty, and freedom of expression. Alternate years.

360. RELIGION AND POLITICS 3

Religion, churches, and the American political system. The separation of church and state and the development of religious freedom in America. Special emphasis given to the influence of religion on political tolerance, public policy, and social change. Offered on demand.

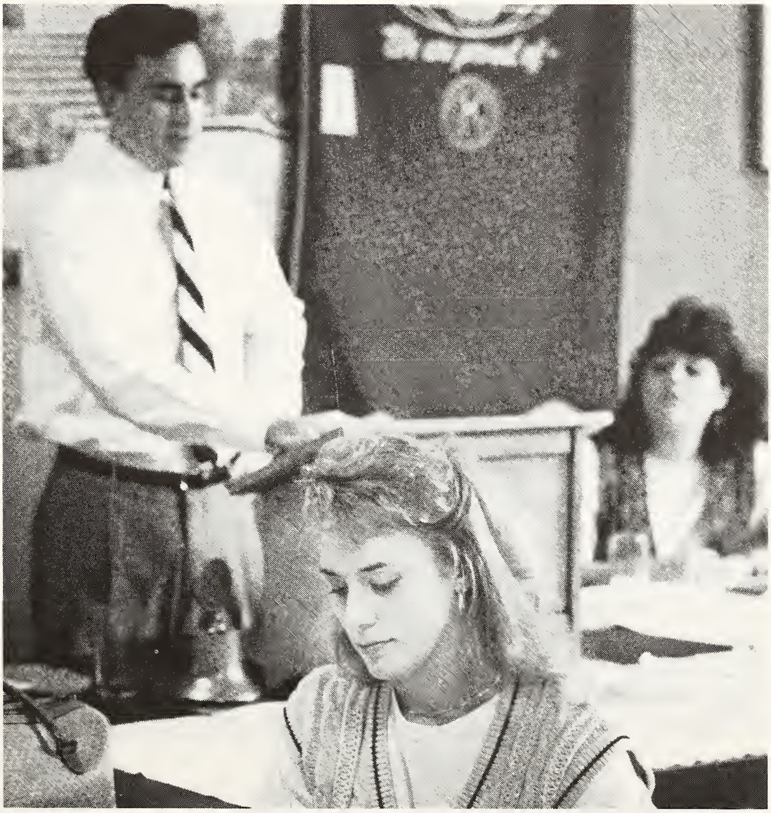
395,396. SELECTED TOPICS 3
Prerequisite: Consent of the instructor. A detailed study of an area of political science not normally covered in the regular political science courses. Offered on demand.

400. INTERNSHIP IN POLITICAL SCIENCE 1-3
Designed to provide an opportunity for the student to expand his theoretical knowledge and practical application of administrative principles by first-hand experience in various public agencies. May be repeated once for credit. Offered on demand.

483. SEMINAR IN POLITICAL SCIENCE 3
Prerequisite: Political science major or consent of department. The undertaking of an individual research project in which the student demonstrates their mastery of the discipline. Yearly.

491-496. INDEPENDENT STUDY 1-6
Students taking Political Science Honors are required to earn credit for honors in the course through concentrated study of selected topics. Other students with particular interests outside the regular course offerings of the department may register for directed study with permission of the department. May be repeated for credit with different topics. Yearly.

199. MODULE STUDIES 3
Special topics offered during the Module.



Students gain confidence and experience through oral presentations.

MATHEMATICS

(MATH)

Professor: Pizarro
Associate Professors: Thomas, Eklund
Assistant Professor: Yaz

The Department of Mathematics aims to contribute to the student's liberal education by showing the role mathematics has played and is playing in the development of civilization and by giving him or her the opportunity to appreciate mathematics for its own esthetic qualities.

It aims particularly to give fundamental training to students in the natural sciences and engineering and also to those in the social and behavioral sciences. The mathematics curriculum is so planned that a student majoring in the field may choose any one of a number of avenues to follow after graduation, including the teaching profession, industry, computer mathematics, actuarial work, or a combination of mathematics with other scientific training, as well as graduate work in mathematics. A description of the minor in Computer Science follows the course listings below.

High school mathematics through trigonometry is the recommended background for incoming freshmen although the admission requirement is less.

MAJOR REQUIREMENTS

B.S.

To receive a B.S. degree a student must complete the following requirements:

1. A total of thirty-five (35) semester hours of mathematics in courses numbered 201 or higher, including MATH 201, MATH 202, MATH 203, MATH 303, MATH 306, MATH 403, MATH 407, and MATH 472.
2. Of these thirty-five hours eleven (11) hours must be in courses numbered 401 or higher.
3. CSC 123 or CSC 113.
   Supportive Courses: PHYS 104, 114, 105, 115.

B.A.

To receive a B.A. degree a student must complete the following requirements:

1. A total of twenty-nine (29) semester hours of mathematics in courses numbered 201 or higher, including MATH 201, MATH 202, MATH 203, MATH 303, MATH 306, MATH 407, and MATH 472.
2. Of these twenty-nine hours eight (8) hours must be in courses numbered 401 or higher.
3. CSC 123 or CSC 113.
   Supportive courses: PHYS 104, 114, 105, 115.

MINOR REQUIREMENTS

A minor in mathematics consists of the following courses: MATH 115, MATH 201, MATH 202, MATH 303, MATH 306, and 6 other hours of mathematics, three of which must be at the 400 level while the other three must be at the 200 level or above.

Students may be admitted to the Honors Program of the Mathematics Department if they have attained junior standing and meet the other requirements. For details consult the department chairman.

001-002. MATH PROBLEMS I - II 0
Corequisite: MATH 115 and 201, respectively. A supplement to the required work of MATH 115 and 201, providing additional practice setting up and solving problems, using cooperative learning groups and the computer lab.

103. MATHEMATICS FOR TEACHERS 3
(Open for credit only to elementary education majors or students certifying in secondary education.) Topics from number theory, geometry, algebra, and the history of mathematics. Offered yearly.

104. COLLEGE ALGEBRA 3
Algebraic Techniques, equations, system of equations and inequalities. Sequences, progressions and the Binomial Theorem. Every semester.

105. INTRODUCTION TO FINITE MATHEMATICS 3
Statement logic. Elementary theory of sets. Counting problems and probability theory. Vectors and matrices. Applications. Offered each semester.

106. INTRODUCTION TO GEOMETRY 3
A study of geometry to include: proofs and congruent triangles; parallel lines; ratio and similarity; right triangles and the Pythagoren Theorem; circles; and solids. Offered alternate years.

107. ELEMENTARY FUNCTIONS 3
Prerequisites: MATH 104, or departmental approval. A unified study of elementary functions. Algebraic, exponential, logarithmic, and trigonometric functions and their applications. Offered each semester.

109. CALCULUS FOR BUSINESS AND ECONOMICS 3
Prerequisite: **Only with special permission of the department.** (Students will not be allowed credit for both MATH 115 and MATH 109; further MATH 109 will not satisfy the prerequisite requirement for MATH 201.) An introduction to differential calculus; and application to business and economics.

115. ANALYTIC GEOMETRY AND CALCULUS I 3
Coordinate systems, straight lines, functions, and graphs. Limits, derivatives of algebraic functions, applications of the derivative. Each semester.

201. ANALYTIC GEOMETRY AND CALCULUS II 3
Prerequisite: MATH 115. The definite and the indefinite integral. Derivatives and integrals of exponential, logarithmic, hyperbolic, trigonometric, and inverse trigonometric functions. Techniques in integration, integration by parts. Offered each semester.

202. ANALYTIC GEOMETRY AND CALCULUS III 3
Prerequisite: MATH 201. Further application of the calculus. Basic properties of continuous and differentiable functions. Infinite series. Plane curves and polar coordinates. Offered yearly.

203. LINEAR ALGEBRA 3
Prerequisite: MATH 201. Systems of linear equations, vector spaces, linear dependence, bases, dimensions, linear mappings, matrices, determinants, applications. Offered yearly.

303. ANALYTIC GEOMETRY AND CALCULUS IV 3
Prerequisite: MATH 202. Three-dimensional analytic geometry. Introduction to vector analysis. Differential calculus of several variables. Multiple integration. Line and surface integrals. Offered yearly.

304. FOUNDATIONS OF GEOMETRY 3
Prerequisite: Consent of the department. Advanced Euclidean geometry with emphasis on transformation theory. Topics from ordered geometry, affine geometry, absolute geometry, non-Euclidean geometry, and non-dimensional geometry. Alternate years.

305. MATHEMATICAL STATISTICS 3

Prerequisite: MATH 303. Probability, sample spaces. Mathematical models, testing hypotheses. Empirical and theoretical frequency functions. Correlation and regression. Testing goodness of fit. Alternate years.

306. MODERN ALGEBRA 3

Prerequisites: MATH 201 and 203. Basic properties of groups, rings, fields. Offered yearly.

307. DIFFERENTIAL EQUATIONS 3

Prerequisite: MATH 303. Common types of ordinary differential equations, especially of the first and second order. Problems which lead to differential equations and the standard methods of their solution. Yearly.

310. DISCRETE MATHEMATICS 3

Prerequisite: MATH 201. Sets, algebra of propositions. Proofs. Algorithms. Graphs and digraphs. Boolean algebra. Alternate years.

311. MATHEMATICAL MODELS 3

Prerequisite: MATH 202. Model Constructions and applications to the Social and Natural Sciences. Growth processes. Dimensional Analysis, linear optimization, stability, chains, networks. On demand.

312. OPERATIONS RESEARCH 3

Prerequisite: MATH 203. Linear and nonlinear programming. Simplex method. Duality. Decision Theory and Game Theory. Simulation. On demand.

395,396. SELECTED TOPICS 3,3

Prerequisite: Consent of the instructor. A study of an area of mathematics not normally covered in the regular mathematics courses. Offered on demand.

398. COLLOQUIUM, OAK RIDGE SEMESTER 1

Prerequisites: Junior standing and admission by ACS Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff at Oak Ridge National Laboratory under supervision of resident ACS faculty. (Same as BIOL 398/CHEM 398/PHYS 398)

399. RESEARCH, OAK RIDGE SEMESTER 1-6

Prerequisites: Junior standing and admission to the program by the ACS Selection Committee. Research performed through participation in the ACS-Oak Ridge Semester Program under supervision of senior staff at Oak Ridge National Laboratory. (Same as BIOL 399/CHEM 399/PHYS 399)

400. INTERNSHIP IN MATHEMATICS 1-3

(For mathematics majors only—not included in the required nine courses for the major.) Credit is given for on-the-job training in certain vocational areas of mathematics.

403. TOPOLOGY 3

Prerequisite: MATH 303. A survey of fundamental properties of topological spaces with particular emphasis on the real number system. Connectedness, compactness, continuous mapping, homeomorphism, metric spaces. Alternate years.

404. VECTOR ANALYSIS 3

Prerequisite: MATH 303. A basic course in vectors. Topics included vector and scalar products, vector equations, and vector calculus. Applications from differential geometry and physics. Curvature, torsion, and Gaussian curvature. Alternate years.

405. NUMERICAL ANALYSIS 3

Prerequisites: MATH 203, MATH 303, and CSC 123. Selected numerical methods dealing with the solution of algebraic and transcendental equations, finite differences and interpolation, integration, and differential equations. Alternate years.

407. INTRODUCTORY REAL VARIABLE THEORY I 3

Prerequisite: MATH 303. Real and complex systems, sets, metric spaces, continuity, and differentiation. Fall.

408. INTRODUCTORY REAL VARIABLE THEORY II 3

Prerequisite: MATH 407. Riemann-Stieltjes integral, sequences, and series of numbers and functions. On demand.

472. SENIOR SEMINAR 2

Senior standing. Each student will be responsible for at least three presentations. Each presentation topic will be chosen in consultation with the course instructor and may be in a current area of mathematics or a topic found in one of Centenary's junior/senior level courses. A study sheet of background information will be included with each presentation topic and each presentation will include oral questioning on the material covered in the study sheet. The presentations will be made before the mathematics department faculty and interested students. Spring.

491-496. INDEPENDENT STUDY IN MATHEMATICS 1-6
(Open to advanced students in mathematics with departmental approval.) One hour conference per week. Library and research work pertinent to the area of study selected. A written thesis is required.

199. MODULE STUDIES 3
Special topics offered during the Module.

COMPUTER SCIENCE MINOR

(CSC)

The minor in computer science is offered for students with majors in mathematics, business, economics, government, and other fields who are choosing to enter the field of data processing. The inclusion of the minor of an internship should provide students with valuable work experience prior to graduation.

The Department of Mathematics also offers the courses necessary for the student to proceed successfully in the "Three-two" Program in Mathematics/Computer Science, described elsewhere in this catalogue.

REQUIREMENTS FOR A MINOR IN COMPUTER SCIENCE

A minor in computer science consists of the following courses: CSC 113, CSC 204, CSC 234, CSC 244, CSC 320, and a second Programming Language, and 3 hours at the 300 level or higher.

LABORATORY FEES

A laboratory fee of $35.00 per course is charged for each course requiring the use of a computer. This fee does not cover charges for breakage.

101. INTRODUCTION TO COMPUTERS 3
An introduction to computer fundamentals with an orientation toward microcomputers in a network system. Computer Operations. Introduction to wordprocessing, spreadsheets, and data base management. Every semester.

111. INTRODUCTION TO COMPUTERS — APPLICATIONS LAB 1
Prerequisite: CSC 101 or concurrent enrollment and permission of the instructor. Advanced topics with word processors, spreadsheets and BASIC programming. A project applying computer software to a particular specialty area such as health sciences or education is required. Offered on demand.

113. PROGRAMMING I with Pascal 3
Prerequisite: MATH 107 or departmental approval. An introduction to computer organization and programming using the Pascal language. Development of algorithms, and top-down programming, stressing principles of good programming. Data objects (standard, array, and record), procedures, and control structures. Fall.

123. FORTRAN 3
Introduction to computer languages, methods, and operations, with particular emphasis on Fortran 77 and its application to a variety of problems using the College computer. On demand.

124. COBOL 3
An introduction to computer programming in the business-oriented language COBOL. Hands-on experience in writing, running, and debugging programs provided. Applications and problems primarily business-oriented. On demand.

204. PROGRAMMING II 3
Prerequisite: CSC 113. Advanced data objects: files, queues, stacks, lists, and binary trees. Abstract data types. Sorting techniques and simple analysis of efficiency. Spring.

210. C 3
Corequisite or prerequisite: CSC 204. An introduction to programming in the C language. The use of C libraries, system calls, and project and make files are also discussed. Spring - on demand.

234. DATA STRUCTURES 3
Prerequisite: CSC 204 and MATH 310. The study of different structures for storing and processing data. These structures include stacks, queues, linked lists and trees. Also studied are techniques for sorting and searching. Alternate years.

244. COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE 3
Prerequisite: CSC 113. Introduction to the inner structure of the computer, machine language instruction sequence, and both machine and assembly language programming. Yearly.

320. PRINCIPLES OF PROGRAMMING LANGUAGES 3
Prerequisite: CSC 204. An introduction to the formal study of programming language specification and analysis. Language forms and features. It includes programming assignments in the various language paradigms. Spring - on demand.

344. OPERATING SYSTEMS AND NETWORKING 3
Prerequisites: CSC 234, CSC 244. An introduction to operating systems, multiprogramming systems and networking. Real and virtual storage management, processor management, process synchronization and communication, and I/O and file management. On demand.

354. COMPUTER ARCHITECTURE 3
Prerequisite: CSC 234 and CSC 244. Principles of computer design and organization at the digital-logic, register-transfer, and conventional machine levels. Use of integrated circuits, principles of sequential processors, memory organization, and organization of I/O subsystems and interfacing. On demand.

400. INTERNSHIP IN COMPUTER SCIENCE 1-3
Prerequisite: SC 123 or 124. Credit is given for on-the-job training in certain vocational areas of computer science. On demand.

MILITARY SCIENCE

(MSC)

Professor LTC Edwards, *PMS*
Assistant Professor: Irvin
Instructor: Carter, Hennessee

Recognizing the need for military officers with a good liberal arts education, Centenary College, through a joint enrollment agreement with Louisiana State University-Shreveport, offers its students the opportunity to elect courses in Military Science which may lead toward commissions in the National Guard, the U.S. Army Reserve, and the Regular Army. This program comprises selected Military Science courses along with the regular College curriculum designed to enable the student to develop qualities leadership and management abilities.

Instruction presented by the Department of Military Science is divided into the basic courses and advanced courses (both courses taught on Louisiana

State University-Shreveport campus). Students with prior military service, Junior ROTC training, or other ROTC training may apply for placement credit toward fulfillment of the basic course requirements through petition through the Dean of the College. The amount of the placement credit granted will be determined on an individual basis by the Dean in consultation with the Professor of Military Science.

Military Science credits may be accepted for degree requirements. MSC 101, 102, 201, 202, 311, 312, 411, 412, a total of twelve hours, are designated as activity courses. In addition, up to six semester hours of advanced Military Science courses may be applied toward graduation. Thus up to twelve hours may be counted toward graduation. Further information should be obtained from the Dean of the College.

THE BASIC COURSE

Enrollment in the basic course is voluntary; that is, no military obligation is assumed on enrollment. The instruction covers common subjects applicable to the Army as a whole. Course work includes MSC 101, 102, 201, and 202. (For more detailed information on the content of the military courses offered, see the Courses of Instruction section of the Bulletin, under the heading of Military Science.)

ADVANCED COURSE

Enrollment in the advanced course is competitive. Selection is based on completion of the basic course, or its equivalent, academic achievement, Military Science qualifying test scores, and physical condition. The military course work consists of MSC 301, 302, 401, and 402. (These classes are held on Louisiana State University-Shreveport.) During the summer between the two years of the advanced course, the student is required to attend a six weeks' training program at an active Army installation. Satis factory completion of the advanced camp is a prerequisite to receiving a commission in the United States Army. Any student who does not maintain the standards established for the advanced course members may be dismissed from Military Science at the discretion of the Professor of Military Science. Students enrolled in the advanced courses are required to provide their own transportation to classes on the Louisiana State University-Shreveport campus.

BASIC COURSE EQUIVALENCY

The Professor of Military Science may waive the requirement for the basic course for prior-service veterans, for students with junior ROTC training or for students who are selected to attend a six-week basic camp. Any students with the equivalent training in ROTC courses offered by other services can be granted credit for the equivalent courses offered by this department.

TWO-YEAR PROGRAM

The two-year program allows sophomores with no prior military or ROTC experience to enter the advanced course after completion of an ROTC basic camp during the summer semester prior to the junior year. Further information may be obtained from the Office of the Dean.

PROFESSIONAL MILITARY EDUCATION (PME) COMPONENT

All Advanced Course cadets prior to commissioning must certify or have academic credit for one course in each of the designated fields of study as part of the PME component. The courses include written communication, military history, human behavior, computer literacy, math reasoning, management and national security policy. Courses in management and national security may be waived if they would preclude a cadet from graduating on ime. Exceptions must be submitted in writing to the Professor of Militа ry Science with justification. He must approve any waiver prior to commissioning. Cadets may substitute approved alternative courses for any of these requirements. A list of approved courses can be obtained from the Professor of Military Science.

ALLOWANCES

Each student enrolled in the advanced course is paid a subsistence allowance of $100 per month for each month enrolled, up to a maximum of twenty months. The six-week advanced camp, normally attended in the summer between the junior and senior years, entitles the student to approximately $600, as well as travel expenses to and from the camp. Uniforms and meals are provided at no cost to the student. The pay and allowances for the student attending basic camp as part of the two-year program are equivale nt to those of the advanced camp students. All payments for the above items are non-taxable and in no way jeopardize the status of a student utilizing the educational benefits of the GI bill.

SCHOLARSHIPS

The U.S. Army ROTC two, three and four-year merit scholarships are available on a competitive basis. These scholarships are given on the basis of demonstrated academic ability and character and leadership potential. The ROTC scholarship pays up to $8,000 or 80%, whichever is higher, annually, for your college tuition. It also pays laboratory fees, on-campus educational fees, and a flat rate amount from which you may purchase textbooks and classroom supplies and equipment. In addition, a monetary allow ance of $100 a month is provided up to ten months during the academic year.

TEXTBOOKS AND EQUIPMENT

Textbooks and equipment are furnished without costs to the student.

MILITARY SCIENCE-BASIC COURSES

101. BASIC LEADERSHIP AND MANAGEMENT THEORY I 2

Principles and techniques of leadership and management theory. Lab includes practical applications of leadership/management, basic marksmanship and drill and ceremony training. One hour of lecture/two hours of laboratory.

102. BASIC LEADERSHIP AND MANAGEMENT THEORY II 2

Principles of warfare, principles of leadership in small unit operations, first aid, basic map reading. Lab includes practical exercises in leadership techniques, land navigation, mountaineering, developing individual physical fitness. One hour of lecture/two hours laboratory.

201. APPLICATION OF ADVANCED LEADERSHIP THEORIES AND TECHNIQUES I 2

Advanced techniques of leadership in small unit tactical operations. Orienteering and advanced map reading. Lab includes practical exercises in orienteering, obstacle and confidence courses, extended field training exercises and physical fitness training. One hour of lecture/two hours laboratory.

202. APPLICATION OF ADVANCED LEADERSHIP THEORIES AND TECHNIQUES II 2

Principles of leadership and management by objective. Advanced techniques of leadership in small unit tactical operations. Advanced orienteering, map and aerial photography reading. Advanced riflery/pistol marksmanship. Lab includes exercises in unit leadership training, drill and ceremony, physical fitness and extended field training exercises. One hour of lecture/two hours laboratory.

ADVANCED COURSES

301. ADVANCED MILITARY SCIENCE I 3

Theory and practical application of methods of instruction, map and aerial photograph reading, and the Army communications system. Three hours lecture.

311. ADVANCED MILITARY SCIENCE I FIELD STUDY 1

Practical exercises designed to develop squad and platoon drill proficiency, orienteering skills, and physical fitness. Two hours of laboratory and field study.

302. ADVANCED MILITARY SCIENCE II 3

Small unit tactics troop leading procedures. Patrolling, offensive and defensive tactics up through company level. Role and origin of branches of the Army. Three hours lecture.

312. ADVANCED MILITARY SCIENCE II FIELD STUDY 1

Practical exercises to conduct small unit offensive and defensive operations, patrolling, operating military communications systems, organizational weaponry and physical fitness. Two hours of laboratory and field study.

395. SPECIAL TOPICS: U.S. MILITARY HISTORY 3

This course begins with and concentrates on the evolution of the U.S. Military Structure and surveys its role and development in history. Emphasis is placed on understanding the unique military-civilian relationship within our society and the art of the military professionalism.

401. STAFF ORGANIZATION AND FUNCTIONS 3

Study of military operations emphasizing fundamental command and staff responsibilities. Problem-solving techniques, preparation of plans and field orders, and military tactics and organization. Three hours lecture.

411. STAFF ORGANIZATION AND FUNCTIONS FIELD STUDY 1

Exercises in practical leadership and Army staff relationships. Focus on development of military managerial skills. Two hours of laboratory and field study.

402. PROFESSIONAL DEVELOPMENT 3

Subject areas designed to prepare the individual for entrance to active duty, including personnel management, unit administration, military law, and national policies and their military implications. Three hours lecture.

412. PROFESSIONAL DEVELOPMENT FIELD STUDY 1

Practical exercises in leadership, military personnel management, and administration of military justice. Two hours of laboratory and field study.

199. MODULE STUDIES 3

Special topics offered during the Module; including U.S. Military History, Air Assault School (Ft. Knox, KY) and Airborne School (Ft. Benning, GA).

HURLEY SCHOOL OF MUSIC

Professor L. Carson, *Dean*
Professors: English, Rupert
Adjunct Professor: Andress
Associate Professors: Dean, Odom
Professor Emeritus: W. Teague
Instructors: Martin, Jackson, McCollough
Artist-in-Residence: Constance Knox Carroll
Lecturers: Brandt, L. Crawford, Ratcliff, Horak, Hundemer, C. Teague, Zale

Centenary College offers the B.A. with a major in music and the B.M. with majors in applied music, music education, sacred music, composition, piano pedagogy and string pedagogy. The Hurley School of Music at Centenary College is a full member of the National Association of Schools of Music.

It adheres to the highest musical and academic standards and seeks to prepare students for entry into the world of music as performers, teachers, church musicians, and professionals in related fields.

The School of Music also offers many opportunities for a rounded liberal arts education and provides cultural enrichment to the campus and community.

DEGREE PROGRAMS

Candidates for all degrees in the Hurley School of Music will meet the following requirements:

Piano Proficiency

All music majors will be expected to demonstrate an adequate proficiency in piano. This proficiency test will include sight reading, accompanying, and performing at a reasonable level determined by the School of Music and should take place during the second semester of the sophomore year. Music majors must register for piano until this requirement has been met.

Ensemble

Full-time music majors must participate in an ensemble each semester they are enrolled in a degree program. **Woodwind, brass, and percussion majors must participate in the Wind Ensemble.** Students are expected to accumulate eight hours of ensemble credit, however, no more than eight hours can be applied toward the 124 hours necessary for graduation.

Recital Attendance

Majors will attend all student recital hours. In addition, they will attend a minimum of ten formal concerts and recitals on campus per semester.

BACHELOR OF MUSIC

All music curricula leading to the B.M. degree require the following courses: an applied major (MUS 100, 200, 300, 400) or concentration (MUS 150, 250, 350, 450), MUS 001-002 for each semester as a music major, MUS

111-112, 141-142, 211-212, 323, 326, 341-342, 441, 471, and participation in an ensemble. Additionally, majors in the areas listed below must complete the music courses indicated:

Voice Performance — MUS 107-108, 314, 442, applied secondary piano, junior and senior recitals.
Piano Performance — MUS 314, 309-310, 411, 442, and junior and senior recitals.
Composition — MUS 314, 411, 442, junior and senior recitals, MUS 493.
Orchestral Instrument — MUS 314, 411, 442, secondary applied piano, junior and senior recitals.
Organ Performance — MUS 314, 315-316, 411, 442, piano, junior and senior recitals.
Sacred Music (organ) — MUS 314, 315-316, 360-361, 460, 442, secondary applied voice, and piano, senior recital.
Sacred Music (voice/choral) — MUS 107-108, 314, 360-361, 460, 442, secondary applied piano and organ, senior recital.
Music Education (instrumental) — MUS 337, 338, 351, 352, 353, 354, 357, 358, 411, applied secondary piano, and applied electives.
Music Education (vocal) — MUS 107-108, 337, 339, applied secondary piano, and applied electives.
Piano Pedagogy — MUS 233-234, 314, 309-310, 344, 335-336, 433-434, 442, senior recital.
String Pedagogy — Secondary applied piano, MUS 314, 331, 235-236, 435-436, 442, senior recital.

Students pursuing the B.M. degree are also required to complete ENGL 101, 102, 201; GED 101, 102; PED 103, and one physical activity course for a life-time sport (see p. 60). In addition, they must take 30 semester hours, including one course from Division II and one course from Division III (see pp. 60-61), of non-music courses.

Performance majors in organ are required to complete two semesters of a single foreign language. Voice performance majors must complete two semesters in each of two foreign languages, selected from French, German or Italian. Other performance majors must take at least one year of a single foreign language or a foreign literature course in translation.

Bachelor of Arts: Music Major

Areas of concentration are piano, organ, voice, and the orchestral instruments. The candidate must meet the distributive requirements of the College and in addition complete MUS 001-002, 150, 250, 350, 450, MUS 111-112, 211-212, 141, 142, and six semester hours of music history taken from MUS 341, 342, 441, 442, and 471. Voice majors must also take MUS 107-108.

The successful performance of an approved public senior recital (approximately thirty minutes' duration) is required in addition to the curricular requirements noted above.

Minor In Music

MUS 111-112, 141-142, 170, 270. Applied piano or proficiency, six hours of music courses of 300 level or above.

RECITALS

Many of the music curricula require the successful public performance of an approved junior and senior recital. Junior recitals are approximately thirty minutes in length and senior recitals, one hour. If a curriculum requires only the senior recital, it should be approximately thirty minutes long.

Music students are expected to perform at least once each semester in the area of their applied major or concentration at the weekly recitals (MUS 001-002).

ADMISSION

In addition to meeting the admission requirements of Centenary College, candidates for a music degree must further pass an audition in their major performing medium in order to be admitted to the Hurley School of Music.

Applied Music

Students who meet all admission requirements but fail to meet School of Music standards in Applied Music will be allowed to register for MUS 170 (Applied Secondary), until they attain minimum applied music standards. Such students will then be admitted to the normal applied music course sequence at a level consistent with their achievement (MUS 100, 200, et seq.). Arrangements for audition or submission of a tape should be made prior to registration with the Dean of the School of Music.

Examinations in applied music are held at the end of each semester before the appropriate music faculty. At the end of the sophomore year, all music majors will be expected to qualify in the area of their applied music major before a full faculty jury. The recommendation of the jury will determine whether or not these students continue in the applied music course sequence they have elected.

TRANSFER STUDENTS

Transfer students will be required to audition in the area of their applied major or concentration to determine whether or not equivalent standards have been met. Placement examinations in music history and music theory may also be required. Until auditions and examinations have been completed and evaluated, music credit for any transfer student will be provisional.

MUSIC FEES

The tuition surcharge of $100.00 per semester for students in the School of Music curricula covers all applied music and instrumental rental fees. Non-music majors and part-time students who wish to register for applied music courses will pay $100.00 per applied area. The cost of books, music, and other supplies will vary with the student's curriculum. In most cases the annual expense will be approximately $225.00.

MUSIC

(MUS)

001-002. RECITAL AND READING 0-0
All music majors are required to register for Recital and Reading every semester in which they are enrolled at Centenary.

107-108. VOICE LABORATORY 2-2
Survey of pronunciation of Italian, French, German, and English. International phonetic alphabet used. Required for all voice concentrations as part of the applied music major.

111-112. ELEMENTARY MUSIC THEORY 4-4
An integrated study of theory. Part-writing, keyboard, sight-singing, and ear-training are presented concurrently in order to make the student aware of the relationships between these elements. Small formal units are included. Required for all music majors.

129-130. PIANO CLASS 1-1
For non-keyboard music majors working to pass the piano proficiency examination and for electives. Two class hours and six practice hours weekly.

139-140. VOICE CLASS 1-1
Fundamentals of voice production. For non-voice majors and for elective. (Offered for beginning levels only.)

141-142. INTRODUCTION TO MUSIC HISTORY AND LITERATURE 2-2
An introduction to the principal styles, composers, forms, and media found in the standard repertoire. Required for all music majors.

143. MUSIC APPRECIATION 3
A cultural course for the general college student. Survey of the principal music styles and media. Not for music majors.

211-212. ADVANCED MUSIC THEORY 4-4
Prerequisites: MUS 111-112. A continuation of MUS 111-112, with emphasis on modulation, altered chords, larger formal structures, and some contemporary techniques. Required for all music majors.

229-230. PIANO CLASS 1-1
Continuation of MUS 129-130. Piano proficiency examination is the final examination for MUS 230. Two class hours, six hours' practice weekly.

233-234. PIANO TEACHING METHODS 2-2
Survey of piano teaching methods and materials. Mini-workshops presented by students on teaching improvisation, pacing lessons, sight reading skills, Orff, eurhythmics, Dalcroze, etc.

235-236. STRING TEACHING METHODS 2-2
Survey of string pedagogy with a review of the various methods and approaches to the teaching of strings. Study and analysis of various graded materials. Weekly observation of the Centenary Suzuki School, instruction in private lessons, group lessons, orchestral rehearsals, and theory classes. Prerequisite: must be string pedagogy major or consent of instructor. Mrs. Laura Crawford and Centenary Suzuki School will do the instruction and supervision. Offered annually if enough students are in the program .

309-310. COMPOSITION 1-1
Prerequisites: MUS 211-212. Basic techniques of compositions. Writing in smaller forms. Alternate years.

314. COUNTERPOINT 3
Prerequisites: MUS 211-212 or consent of instructor. A study of 18th-century contrapuntal techniques through composition and analysis.

315-316. SERVICE PLAYING 2-2
The art of accompanying on the organ and the adapting of other scores to the organ. Develops fluency in improvisation at the organ by using basic keyboard skills, basic forms, and modulation. Alternate years.

323. PRINCIPLES OF CONDUCTING 2
A study of the basic principles of conducting. Familiarity with baton techniques, basic patterns, and elementary score reading.

326. TECHNIQUES OF CONDUCTING 2
A study of the techniques related to both choral and instrumental conducting. Consideration of the problems involved in conducting a vocal ensemble, a band, an orchestra, and groups with both singers and players.

329S. MUSIC EDUCATION FOR NON-MUSIC MAJORS 3
Theory of music and elementary music teaching methods for the general classroom teacher.

335-336. INTERNSHIP IN PIANO TEACHING I 1-1
Prerequisite: MUS 233-234 or consent of instructor. Observation and supervised teaching in the piano preparatory department. The teaching of the beginning and first year student.

337S. ELEMENTARY SCHOOL MUSIC METHODS 2
Prerequisites: MUS 211-212. A study of the methods, materials, and problems related specifically to teaching general music classes in the elementary level school (grades K-6). Included also is the study of the philosophy, psychology, history, and contemporary trends in music education. Fall.

338. SECONDARY SCHOOL INSTRUMENTAL MUSIC METHODS 2
Prerequisites: MUS 211-212, MUS 337 or permission of instructor. A study of the methods, materials, and problems related specifically to teaching instrumental ensembles (small and large, beginning and advanced) in heterogeneous or homogeneous groups at the secondary school level, including grades 6-12. Part of the emphasis will be on how to assess aptitudes and interests of individuals and groups of students, and to devise learning experiences to meet assessed needs. Spring.

339S. SECONDARY SCHOOL VOCAL MUSIC METHODS 2
Prerequisites: MUS 211-212, MUS 337 or permission of instructor. A study of the methods, materials, and problems related specifically to teaching vocal ensembles (small and large, beginning and advanced) at the secondary level, including grades 6-12. Part of the emphasis will be on developing evaluative techniques and ability to apply them in assessing both the music progress of students and the objectives and procedures of the curriculum. Spring.

341. MUSIC HISTORY I 3
Prerequisites: MUS 211-212 or consent of the instructor. A study of music from antiquity through the Renaissance.

342W. MUSIC HISTORY II 3
Prerequisites: MUS 211-212 or consent of the instructor. A continuation of MUS 341 with a survey of Baroque and Classic styles and literature.

344S. PIANO LITERATURE 2
Prerequisite: piano proficiency or consent of instructor. Survey of the standard repertoire for the piano from Bach to the present. Offered the spring semester of every other year.

351. STRING CLASS I 1
Study of the principles of string instruments. Violin and viola. Meets once weekly. Offered alternate years.

352. STRING CLASS II 1
Study of the principles of string instruments. Cello and double bass. Meets once weekly. Offered alternate years.

353. WOODWIND CLASS I 1
Study of the principles of woodwind instruments. Flute and clarinet. Meets once weekly. Offered alternate years.

354. WOODWIND CLASS II 1
Study of the principles of woodwind instruments. Oboe and bassoon. Meets once weekly. Offered alternate years.

355. BRASS CLASS I 1
Study of the principles of brass instruments. Trumpet and French horn. Meets once weekly. Offered alternate years.

356. BRASS CLASS II 1
Study of the principles of brass instruments. Trombone, euphonium, and tuba. Meets once weekly. Offered alternate years.

357. PERCUSSION CLASS I 1
Study of the principles of percussion instruments. Snare drum, melodic percussion instruments. Meets once weekly. Offered alternate years.

358. PERCUSSION CLASS II 1
Study of the principles of percussion instruments. Timpani, drum set, auxiliary percussion instruments. Meets once weekly. Offered alternate years.

360. SACRED MUSIC I: LITURGICAL MUSIC AND HYMNOLOGY 3
History of the development of various liturgical forms, the Mass, the Judaic musical heritage, Anglican and Lutheran liturgies. Origins and uses of the great hymns, the ecclesiastical year, and music appropriate to it.

361. SACRED MUSIC II: ORGAN AND CHORAL LITERATURE 3
Study of the various forms of choral and organ literature with detailed study of representative compositions. Organ and choral literature with practical application for the church musician.

395,396. SELECTED TOPICS 3,3
An intensive study of an area not normally covered in the music curricula. Consent of instructor.

411. ORCHESTRATION 3
Scoring and analysis of scores for orchestra and band.

433-434. INTERNSHIP IN PIANO TEACHING II 1-1
Observation and supervised teaching in the piano preparatory department. The teaching of the second year student. Prerequisite: MUS 333-334 or consent of instructor.

435-436. STRING TEACHING INTERNSHIP 2-2
Practical application of MUS 235-236. Supervised teaching in the Centenary Suzuki School. Prerequisite: must be string pedagogy major or consent of instructor. Offered annually if enough students are in the program.

441W. MUSIC HISTORY III 3
Prerequisites: MUS 341-342. This course deals with the history of music from the end of the 18th century to the present.

442S. MUSIC HISTORY IV 3
Prerequisite: MUS 441 or consent of instructor. Intensive individual studies in 20th-century techniques and literature.

460. SACRED MUSIC III: CHURCH MUSIC MANAGEMENT AND INTERNSHIP 3
The organization and administration of a complete church music program. Rehearsal planning and techniques, graded choir system, the music program and its integration into the total church program, equipment, music library, organ design and placement. Practical application and observation of church music programs in the local area.

471. SENIOR SEMINAR 1
Presentation of a senior recital with a supporting paper directed by the major applied teacher. The paper may deal with such topics as style, history, biography, and theory insofar as they relate to the literature being performed on the recital. The paper will be due at the time of the pre-hearing and copies will be distributed to the rest of the music faculty.

491-496. INDEPENDENT STUDY IN MUSIC 1-6
Prerequisite: Junior or senior status. Open to music majors with junior or senior standing. A special project in analysis, research, or an applied area will be designed by the student and a faculty adviser. This project will then be submitted to the music faculty for approval. Regular and periodical evaluation will be made by the supervising faculty member and the results of the independent study will be presented in the form of a paper, an original composition, or a public performance. May be repeated for credit with different topics. On demand.

199. MODULE STUDIES 3

Special topics offered during the Module.

APPLIED MUSIC: PRIVATE INSTRUCTION

100. APPLIED MAJOR 3-3

Freshman applied music for B.M. in performance, except vocal performance majors. All freshman vocal majors will take MVO 150. One-hour private lesson weekly for two semesters with minimum of fifteen hours' practice a week.

200. APPLIED MAJOR 3-3

Sophomore applied music for B.M. in performance. One-hour private lesson weekly for two semesters with minimum of fifteen hours' practice a week.

300. APPLIED MAJOR 3-3

Junior applied music for B.M. in performance. One-hour private lesson weekly for two semesters with minimum of fifteen hours' practice a week.

400. APPLIED MAJOR 3-3

Senior applied music for B.M. in performance. One-hour private lesson weekly for two semesters with minimum of fifteen hours' practice a week.

150. APPLIED CONCENTRATION 2-2

Freshman applied music for B.M. in Music Education, B.M. in Sacred Music, B.M. in Vocal Performance, or B.A. One-hour lesson weekly for two semesters with a minimum of ten hours' practice a week.

250. APPLIED CONCENTRATION 2-2

Sophomore applied music for B.M. in Music Education, B.M. in Sacred Music, or B.A. One-hour lesson weekly for two semesters with a minimum of ten hours' practice a week.

350. APPLIED CONCENTRATION 2-2

Junior applied music for B.M. in Music Education, B.M. in Sacred Music, or B.A. One-hour lesson weekly for two semesters with a minimum of ten hours' practice a week.

450. APPLIED CONCENTRATION 2-2

Senior applied music for B.M. in Music Education, B.M. in Sacred Music, or B.A. One-hour lesson weekly for two semesters with a minimum of ten hours' practice a week.

170,270,370,470. APPLIED SECONDARY 1-1

Half-hour lesson weekly with minimum of seven hours' practice a week. For secondary instrument, voice, or non-major elective. Also may be recommended for entering freshmen who are deficient in their applied area. May be repeated for additional credit.

ENSEMBLES

151. WIND ENSEMBLE 1-1

The wind ensemble offers training and opportunities for performing works written especially for this medium. Public concerts each semester. Audition required.

152. JAZZ ENSEMBLE 1-1

Exploration of the literature for the big band. This group plays at all home basketball games and has several public performances. Audition required.

153. CENTENARY CHOIR 1-1

The Centenary Choir performs a wide variety of choral literature and makes many public performances. By audition only.

154. CHAMBER CHOIR (CAMERATA) 1-1

This group sings the great choral chamber literature from all periods of music history. Public concerts each semester. Membership by audition.

155. ORCHESTRA 1-1

The Shreveport Symphony is resident at the Hurley School of Music. Professional positions may be available to advanced players.

156. HURLEY CHAMBER ORCHESTRA 1-1
School of Music orchestra which plays a full range of chamber literature and accompanies standard choral and concerto literature.

157. OPERA WORKSHOP 1-1
An operatic workshop which includes training in basic opera repertoire and tradition, coaching, instruction in acting techniques, stage deportment, and preparation for productions leading to public performances. Audition required.

158. SYMPHONY CHORALE 1-1
The Shreveport Symphony Chorale prepares and performs the major choral works with the Shreveport Symphony.

159. PIANO ACCOMPANYING 1-1
The study of the art of vocal and instrumental accompanying.

160. CHAMBER ENSEMBLES 1-1
Ad hoc quartets, quintets, trios, handbells, etc.

Ruth Varady and William Parsons with Milky White from the Stephen Sondheim musical of "Into The Woods".

PHILOSOPHY

(PHIL)

Professor Cox, *Chairman*
Adjunct Professor: Beaird

Following the example of Socrates, philosophers have used logic and experience to clarify the meaning of fundamental concepts and presuppositions that govern the different areas of human life, thought, and action. The 100 and 200 level philosophy courses introduce freshmen and sophomores to the work of philosophy in general or in some specialized area of philosophy. The 300 and 400 level philosophy courses involve juniors and seniors—philosophy majors and minors and others—in advanced work in philosophy.

MAJOR REQUIREMENTS

1. At least thirty hours including one logic course, 202, 301, 302, 463, and 473.
2. Supportive courses: One year of departmentally approved foreign language at 200 level or above or one year of French and one year of German at 100 level.

MINOR REQUIREMENTS

At least eighteen hours including 301 and 302.

COURSE OF STUDY IN CONTEMPORARY ETHICAL ISSUES

1. 202; either 395 or 199 in Applied Ethics.
2. 493 in some specialized area of Applied Ethics such as Business Ethics, Legal Ethics, Medical Ethics, Theological Ethics, or Environmental Ethics.

Note: It is possible to combine Course of Study with major or minor.

DEPARTMENTAL HONORS IN PHILOSOPHY

1. Admission to Departmental Honors program.
2. Graduation from Centenary with major in Philosophy.
3. Completion of Senior Honors thesis and six hours of Independent Study on research related to thesis; oral defense of thesis.

101. INTRODUCTORY PROBLEMS IN PHILOSOPHY 3
An introduction to philosophical method through problems selected from such areas as theory of knowledge and reality, art, ethics, religion, and science. Yearly.

107. INTRODUCTION TO LOGIC AND RATIONAL METHOD 3
An introduction to basic patterns of formal and informal soundness and their applications in law, morality, science, philosophy, and everyday life.

202. ETHICS 3
An introduction to the basic concepts and problems of ethics. Ancient and modern theories considered. Yearly.

205. PHILOSOPHY OF ART 3

A philosophical study of aesthetic experience, the art work, and its critical evaluation. Yearly.

206. PHILOSOPHY OF SCIENCE 3

An investigation of the basic problems and presuppositions of scientific method and concept formation. Attention given to differences involved in the physical, biological, and behavioral sciences. Yearly.

210. SYMBOLIC LOGIC 3

A computer assisted introduction to the basic formal principles and methods of symbolic logic and deductive inference. On demand.

290. INTERDISCIPLINARY STUDIES 3

This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. Offered on demand.

301. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY 3

Prerequisite: junior status or instructor's permission. A historical study of philosophical developments through reading of representative writings of Plato, Aristotle, and other philosophers of this period. Yearly.

302. HISTORY OF MODERN PHILOSOPHY 3

Prerequisite: junior status or instructor's permission. An historical study of philosophical developments through reading of representative writings of major philosophers of this period. Yearly.

303. PHILOSOPHY OF RELIGION 3

A study of philosophical issues raised by the contemporary dialogue between the living world religions. Topics include concepts of God, revelation, religious truth, problem of evil and theory of salvation. Yearly. (Same as REL 303)

307W. PHILOSOPHY OF WORLD RELIGIONS 3

A historical study of Islam, Hinduism, Buddhism, Taoism and Confucianism as religious philosophies of life and liberation. Yearly. (Same as REL 307W)

395S,396S. SPECIAL TOPICS IN PHILOSOPHY 3,3

The Department is able to offer on demand special topics such as Contemporary Ethical Issues, Medical Ethics and Literature, Philosophy of Sport, Social Philosophy, and others. Course but not individual topics may be repeated for credit.

400. INTERNSHIP 3

Prerequisite: junior status; advanced standing in philosophy major, minor, or Course of Study in Practical Ethics. This course enables student to gain practical experience in planning and conducting a module philosophy course or an extracurricular program in philosophy or practical ethics. May not be repeated for credit. Does not count for credit in philosophy major, minor, or Course of Study in Practical Ethics.

463. CONTEMPORARY PHILOSOPHY 3

Readings in recent philosophical literature. Student's grade is based on class discussion and oral reports in class. Prerequisites: senior philosophy major or instructor's permission. On demand.

473. SENIOR SEMINAR IN PHILOSOPHY 3

This seminar concentrates on perennial philosophical issues in epistemology, ontology, and axiology. Student will demonstrate proficiency in philosophical writing by researching and writing a major paper on a problem illustrating one of these issues. Prerequisites: senior philosophy major or permission of instructor. On demand.

483. SEMINARS 3

Prerequisite: Permission of instructor. Group study of historical topics or problems, as determined by student interest and need. Study based on student discussion and papers. Offered yearly, or upon demand.

491-496. INDEPENDENT STUDY 1-6

Prerequisite: Permission of instructor. Independent research and writing on a problem of student's choosing with approval and under direction of instructor. Offered yearly, or upon demand.

199. MODULES IN PHILOSOPHY 3

Special topics offered during the Module.

PHYSICS AND ENGINEERING

Professor Trahan, *Chairman*
Associate Professor: Cannon
Assistant Professors: Lisantti, Rodriguez
Professor Emeritus: Parker

The physics curriculum is made up of introductory courses designed to familiarize the non-science major with the fundamental concepts of physics and astronomy; courses designed to give the science major a firm grasp of the principles of classical and modern physics; and advanced courses designed to prepare the physics major with the necessary background in experimental and theoretical physics to meet the demands of graduate study and research.

Freshmen who plan to major in physics should have a high school background in mathematics through trigonometry. In the absence of such preparation, they are strongly advised to take Mathematics 107 or an equivalent course during the summer session prior to the fall semester of their freshman year.

MAJOR REQUIREMENTS FOR THE B.S. IN PHYSICS:

1. Forty semester hours in Physics courses including Physics I 104, 114; Physics II 105, 115; Modern Physics I 204, 214; Advanced Physics Laboratory 301W-302S; Modern Physics II 305; Electronics Laboratory 317; Dynamics 312; Thermal Physics 321; Mathematical Methods of Physics and Engineering 323; Electricity and Magnetism I 413; Electricity and Magnetism II 414; Quantum Mechanics 424; Light and Optics 426; and Senior Seminar 471.
2. Supportive courses as follows: Mathematics 115, 201, 202, 303, and 307. Chemistry 101, 111, and 102, 112.

MAJOR REQUIREMENTS FOR THE B.A. IN PHYSICS:

1. Thirty-three semester hours in Physics courses including Physics I 104, 114; Physics II 105, 115; Modern Physics I 204, 214; Advanced Physics Laboratory 301W-302S; Intermediate Mechanics ENGR 311; Dynamics 312; Thermal Physics 321; Mathematical Methods of Physics and Engineering 323; Electricity and Magnetism I 413; three additional hours of physics or engineering with course numbers 300 or above; and Senior Seminar 471. Dual degree engineering students are not required to take Physics 471 and may graduate with a total of 32 hours in Physics.
2. Supportive courses as follows: Mathematics 115, 201, 202, 303, and 307. Complete a total of eight hours in the related fields of chemistry, biology, geology, and astronomy.

MINOR REQUIREMENTS:

Eighteen hours of physics, six of which must be at the 300 level or above.

DEPARTMENTAL HONORS IN PHYSICS

To be considered for admission to the Departmental Honors Program in physics, a student must meet the general catalog requirements for admission to such programs. Interested students should consult the chairperson of the department for more specific information.

LABORATORY FEES

A laboratory fee of $35.00 per course is charged for each course requiring use of a laboratory. This fee does not cover charges for breakage.

PHYSICS

(PHYS)

001-002. PHYSICS PROBLEMS I-II 0
Corequisite: PHYS 104-105. A supplement to the required work of Physics 104, 105, providing additional practice in setting up and solving problems within the scope of these courses.

101. GENERAL PHYSICS I (LABORATORY REQUIRED) 3
Prerequisite: Math 107 or equivalent. Students taking this course must have a good background in algebra and trigonometry. The principles and classical experiments of mechanics and thermophysics. Kinematics and elementary dynamics of point masses and rigid bodies. Kinetic theory; wave phenomena; heat conduction.

111. GENERAL PHYSICS LABORATORY I 1
Corequisite: PHYS 101. Introduction to laboratory techniques including experimental procedures, experimental evaluation, methods of data reduction and reporting of results; experiments taken from the area of mechanics.

102. GENERAL PHYSICS II (LABORATORY REQUIRED) 3
Prerequisite: PHYS 101. Theory and classical experiments of electricity, magnetism, and optics. Geometrical and physical optics, fields, potentials, and electrical circuits.

112. GENERAL PHYSICS LABORATORY II 1
Corequisite: PHYS 102. A continuation of Physics 111 with experiments taken from the areas of optics, waves, electricity and magnetism.

103. CONCEPTUAL PHYSICS (LABORATORY REQUIRED) 3
A non-mathematical physics course for non-science majors which emphasizes the ideas of physics by examining the phenomena of everyday environment.

113. CONCEPTUAL PHYSICS LABORATORY 1
Corequisite: PHYS 103. A physics laboratory for non-science majors to accompany Physics 103. Experiments in mechanics, fluid mechanics, heat, wave motion, light, sound, electric and magnetic fields, and electricity.

104. PHYSICS I (LABORATORY REQUIRED) 3
Prerequisite: MATH 115; corequisites, PHYS 001, MATH 201. The principles and classical experiments of mechanics and thermophysics. Kinematics and elementary dynamics of point masses and rigid bodies. Kinetic theory; first and second laws of thermodynamics; heat conduction. Offered in spring.

114. PHYSICS LABORATORY I 1
Corequisite: PHYS 104. Introduction to laboratory techniques including experimental procedures, experiment evaluation, methods of data reduction and reporting of results; experiments taken from the area of mechanics.

105. PHYSICS II (LABORATORY REQUIRED) 3
Prerequisites: PHYS 104, MATH 201; corequisite, PHYS 002. Theory and classical experiments of electricity, magnetism, and optics. Geometrical and physical optics, fields, potentials, dielectric materials, DC and AC circuits.

115. PHYSICS LABORATORY II 1
Corequisite: PHYS 105. A continuation of Physics 114 with experiments taken from the areas of optics, thermophysics, electricity and magnetism.

204. MODERN PHYSICS I (LABORATORY REQUIRED) 3
Prerequisites: PHYS 105, MATH 202. An introduction to the topics of special relativity, wave and particle properties of matter, the Schroedinger equation with applications to simple systems, the hydrogen atom, and many electron atoms.

214. MODERN PHYSICS LABORATORY 1
Prerequisite: PHYS 204 or concurrent enrollment in PHYS 204. Laboratory exercises related to topics discussed in Physics 204.

301W-302S. ADVANCED PHYSICS LABORATORY 1-1
Prerequisite: PHYS 204. Advanced experimental techniques in physics. Design and construction of apparatus, including use of the machine shop. Electronic techniques and precision instrumentation. Experiments are selected in consultation with the instructor, and may include topics in mechanics, thermophysics, electricity, magnetism, optics, or modern physics. Three hours of laboratory weekly.

305. MODERN PHYSICS II 3
Prerequisite: PHYS 204 and MATH 303. An introduction to the topics of molecular structure, nuclear physics, solid state physics, particle physics, and superconductivity.

312. INTERMEDIATE MECHANICS: DYNAMICS 3
Prerequisite: PHYS 104 and MATH 307. A vector treatment of the kinematics and kinetics of particles and rigid bodies. Newton's equations. Euler's equations. Central force motion. Introduction to vibrating systems. Yearly. (Same as ENGR 312)

317. ELECTRONICS LABORATORY 1
Prerequisite: PHYS 105. An introduction to digital and analog circuits through laboratory exercises.

321. THERMAL PHYSICS 3
Prerequisites: PHYS 105; MATH 303. An introduction to the physics underlying thermodynamic concepts. Topics include the first and second laws of thermodynamics, Helmholtz and Gibbs free energies, chemical potential, grand partition function, and the properties of ideal, Bose, and Fermi gases. (Same as ENGR 321)

323. MATHEMATICAL METHODS OF PHYSICS AND ENGINEERING 3
Prerequisites: PHYS 105; and MATH 303 and 307. An introduction to basic mathematical methods and techniques used in the solution of physical problems with emphasis on applications rather than theory. Topics include solutions of differential equations, Laplace transforms, vector analysis, Fourier series, an introduction to methods of solving partial differential equations. (Same as ENGR 323)

398. COLLOQUIUM, OAK RIDGE SEMESTER 1
Prerequisites: Junior standing and admission by ACS Selection Committee. A program of speakers on a variety of scientific and social issues presented by staff of Oak Ridge National Laboratory under supervision of resident ACS faculty. (Same as BIOL 398/CHEM 398/MATH 398)

399. RESEARCH, OAK RIDGE SEMESTER 1-6
Prerequisites: Junior standing and admission to the program by the ACS Selection Committee. Research performed through participation in the ACS-Oak Ridge Semester Program under supervision of senior staff at Oak Ridge National Laboratory. (Same as BIOL 399/CHEM 399/MATH 399)

400. PHYSICS INTERNSHIP 3
Prerequisites: Junior or senior standing and recommendation of the Physics Department faculty. Work in an industrial or research facility for a minimum of 120 hours. A written and oral report on the work conducted is required. Offered on demand.

413. ELECTRICITY AND MAGNETISM I 3
Prerequisite: PHYS 105 and either PHYS 323 or MATH 404. A field treatment of electricity and magnetism, electrostatic fields and potentials, dielectrics, magnetic fields, electromagnetic induction, magnetic materials, energy in static electric and magnetic fields.

414. ELECTRICITY AND MAGNETISM II 3
Prerequisite: PHYS 413. An advanced treatment of electric and magnetic fields based on Maxwell's equations, introduction to theories of dielectric and magnetic materials, static boundary value problems. Electromagnetic waves, wave guides, and other boundary value problems.

424. INTRODUCTION TO QUANTUM MECHANICS 3
Prerequisites: PHYS 204 and 323. An advanced treatment of non-relativistic quantum theory which introduces the student to the essential formal tools of quantum mechanics.

426. LIGHT AND OPTICS 3
Prerequisites: PHYS 323, 204. A general treatment of the principles of physical optics including theory of waves, interference, diffraction, polarization and Fourier optics.

471. SENIOR SEMINAR 1
Presentation and discussion of research performed by the individual student or reported in the current literature.

491-496. INDEPENDENT STUDY 1-6
Prerequisite: Consent of instructor. Guided independent study of a topic agreed upon by the student and any member of the department. Either a theoretical or an experimental subject may be selected. Written reports or oral presentations may be required when appropriate. Credit may vary from one to six hours per semester. May be repeated for credit.

199. MODULE STUDIES 3
Special topics offered during the Module.

ENGINEERING

(ENGR)

The Department of Physics and Engineering offers the engineering science courses necessary for the student to pursue the Engineering Dual Degree Program described on page 81 of this catalogue. These courses provide the fundamental scientific principles and the basic engineering skills necessary for a student to pursue a professional degree in engineering. Students under this program are exempted from the senior seminar at Centenary. Those interested in the Engineering Dual Degree Program should consult Dr. Cannon.

103. ENGINEERING ORIENTATION & PROBLEMS 2
An introduction to the various engineering disciplines, the engineering profession, and engineering ethics. Engineering career guidance. Skills with dimensions, units, calculators, and technical communications are developed. Yearly.

251. ENGINEERING GRAPHICS 3
Prerequisite: CSC 123. Introduction to engineering graphics as a means of communication. Projections. Sectional views. Dimensions. Descriptive geometry. Sketching. Computer Graphics. Yearly.

311. INTERMEDIATE MECHANICS: STATICS 3
Prerequisites: PHYS 104, MATH 303. A vector treatment of forces, force systems, and moments and their external effect on particles and rigid bodies, principally the condition of equilibrium. The techniques of engineering analysis are emphasized. Yearly. (Same as PHYS 311)

312. INTERMEDIATE MECHANICS: DYNAMICS 3
Prerequisite: PHYS 104 and MATH 307. A vector treatment of the kinematics and kinetics of particles and rigid bodies. Newton's equations. Euler's equations. Central force motion. Introduction to vibrating systems. Yearly. (Same as PHYS 312)

320. INTRODUCTION TO MATERIAL SCIENCE 3
Prerequisite: One year of introductory chemistry. A study of properties and behavior of materials based upon their cellular structure. Study is made of metals and their alloys, including their mechanical properties, and corrosion. The course includes study of ceramic basic (brick, concrete, etc.) structure and its application. The study of plastic material is included. The study of electrical and magnetic properties of material concludes the course. Yearly.

321. THERMAL PHYSICS 3
Prerequisites: PHYS 105; MATH 303. An introduction to the physics underlying thermodynamic concepts. Topics include the first and second laws of thermodynamics, Helmholtz and Gibbs free energies, chemical potential, grand partition function, and the properties of ideal, Bose, and Fermi gases. (Same as PHYS 321) Yearly.

322. MECHANICS OF SOLIDS 3
Prerequisite: ENGR 311. A study of the internal behavior of solids when subjected to externally applied forces and torques. Topics include: stress, strain, and Hooke's Law, analysis of statically determinate and statically indeterminate beams and structures, torsion, beam deflections, combined stress, and column analysis. Yearly.

323. MATHEMATICAL METHODS OF PHYSICS AND ENGINEERING 3
Prerequisites: PHYS 105 and MATH 303 and 307. An introduction to basic mathematical methods and techniques used in the solution of physical problems with emphasis on applications rather than theory. Topics include solutions of different equations, vector analysis, Laplace transforms, Fourier series, an introduction to methods of solving partial differential equations. (Same as Physics 323)

491-496. INDEPENDENT STUDY IN ENGINEERING 1-6
Prerequisite: Consent of instructor. Guided independent study of a topic agreed upon by the student and any member of the department. Either a theoretical or an experimental subject may be selected. Written reports or oral presentations may be required when appropriate. Credit may vary from one to six hours per semester.

199. MODULE STUDIES 3
Special topics offered during the Module.

ASTRONOMY

(ASTR)

101. GENERAL ASTRONOMY (LABORATORY REQUIRED) 3
A non-mathematical introduction to the concepts of modern astronomy. A study of the earth as a body in space and its relation to the remainder of the solar system and galaxy. Constellations, planets, stars, galaxies, star clusters, black holes, quasars, and other astronomical objects. Planetarium and observatory facilities available in the Shreveport area are used. Alternate years.

111. GENERAL ASTRONOMY LABORATORY 1
Corequisite: ASTR 101. Development of skills in evaluating astronomical data. When weather permits, laboratories will be held out-of-doors to observe constellations, planets, meteors, etc.

PSYCHOLOGY

(PSY)

Professor Bettinger, *Chairman*
Professor: Gwin

The Department is oriented toward the discipline of psychology as a scientific field of study while still recognizing the application of psychology to broad humanistic concerns. The courses in psychology focus on problems in understanding, prediction, and control of behavior. The courses are designed to provide students with a broad base in the methodology and fundamental concepts in psychology in order to (1) prepare students for graduate studies, (2) prepare students for professions in which principles of psychology can contribute in significant ways, and (3) provide resources for those who wish to study psychology simply as a means of enriching their lives.

MAJOR REQUIREMENTS

For the Bachelor of Arts in Psychology, a major must complete:

1. Thirty (30) hours in psychology, including 101 (General Psychology); 211 (Human Growth and Development); 214 (Introduction to Research Methodology) or 303 (Statistics for Behavioral Science); 325 (Learning) or 324 (Experimental Psychology); 421 (Abnormal Psychology) or 422 (Theories of Personality).
2. Supportive courses: A departmentally approved single foreign language through the elementary level.

Students considering psychology as a vocation should be prepared to continue their education in psychology at the graduate level.

MAJOR REQUIREMENTS FOR THREE-TWO PROGRAM IN SPEECH-LANGUAGE PATHOLOGY OR AUDIOLOGY

For the Bachelor of Science in Psychology, and a Master of Communication Disorders degree from LSU Medical Center, a major must complete:

1. 30 hours in psychology, including 101 (General Psychology); 211 (Human Growth and Development; 221 (Psychology of Exceptionality); 303 (Statistics for Behavioral Science); 311 (Physiological Psychology); 322 (Introduction to Psychological Tests); 325 (Learning - Principles and Applications); 411S (History and Systems of Psychology) or 422W (Theories of Personality); 421 (Abnormal Psychology); and 473 (Senior Seminar).
2. Supportive courses: THSP 101 (Voice and Diction) to meet Core IA; BIOL 103/104, (Principles of Biology), APSC/BIOL 301/302 (Human Anatomy and Physiology); and PHYS 101/111, 102/112 (General Physics I and II) plus 30 hours from LSU Medical Center.

DEPARTMENTAL HONORS IN PSYCHOLOGY

Students may be admitted to the Department's Honors Program if they have attained junior standing and meet the other requirements. For details, consult the department chairperson.

MINOR REQUIREMENTS

To minor in psychology, a student must complete eighteen (18) hours in psychology approved by a member of the Psychology Department. At least six (6) hours must be in courses above the 300 level.

101. GENERAL PSYCHOLOGY 3
Introduces the study of behavior in the areas of heredity, learning, motivation, personality, and behavior modification.

206. COMPUTERS FOR THE BEHAVIORAL SCIENCES 3
A literacy course for majors in psychology and sociology who have had little or no previous experience with computers. Topics include history and societal implications of computers, commercial software having social science applications, and beginning programming in Basic. Students will employ a micro computer to solve a problem in their major field. Offered on demand.

211. HUMAN GROWTH AND DEVELOPMENT 3
A study of the aspects of human behavior that change from conception through adulthood and the processes that account for the changes. A review of the major theories set forth to explain different aspects of human development is included.

214. INTRODUCTION TO RESEARCH METHODOLOGY 3
The fundamental principles of scientific analysis of data and basic research methodologies applicable to the social sciences will be surveyed. Course will be offered yearly. (Same as PSC 214)

221. PSYCHOLOGY OF EXCEPTIONALITY 3
Emphasis on the processes which contribute to personality. Study of gifted, retarded, emotionally disturbed children, learning disabilities, hard-of-hearing, visually handicapped, culturally deprived, and other disabilities that require special services. Yearly. (Same as EDUC 221)

303. STATISTICS FOR BEHAVIORAL SCIENCE 3
Prerequisite: MATH 105 or higher. The logic and application of standard statistical tests in the analysis of data. Topics include: descriptive statistics, statistical inference, correlation, T-test, and simple analysis of variance. Yearly. (Same as PSC 303)

305. SOCIAL PSYCHOLOGY 3
Prerequisite: PSY 101 or SOC 101. A theoretical and non-mathematical experimental approach to interpersonal interaction. Symbolic interaction, interest and exchange theory, group dynamics and process, ethnomethodology, and phenomenology. Yearly. (Same as SOC 305)

311. PHYSIOLOGICAL PSYCHOLOGY 3
A study of the physiological correlates of behavior. Emphasis on basic neuroanatomy, motor systems, sensory systems, sleep, attention, motivation, emotion, and physiological contributions to learning theory. BIOL 101-102 recommended. Yearly. (Same as BIOL 311)

322. INTRODUCTION TO PSYCHOLOGICAL TESTS 3
Prerequisite: PSY 214. A study of the theories underlying psychological tests and scales, and of the interpretation and use of the data which they yield. Yearly.

324W. EXPERIMENTAL PSYCHOLOGY 3
Prerequisite: PSY 214 (may be taken concurrently). The student designs, conducts, and analyzes psychological experiments. The emphasis is on methodology employed in studying perception, motivation, and learning. Yearly.

325. LEARNING — PRINCIPLES AND APPLICATIONS 3
Prerequisite: PSY 101. An examination of current learning theories, experimental findings, and their applications. Techniques of behavior modification are demonstrated. Yearly.

395S,396S. SELECTED TOPICS IN PSYCHOLOGY 3,3
Study of an area of psychology not covered in current offerings. Admission is by consent of instructor. No more than nine hours of Selected Topics will be counted toward the Psychology major. Offered as needed.

400. INTERNSHIP IN PSYCHOLOGY 3
Prerequisite: Junior or senior standing. Designed to compliment the student's theoretical understanding of psychology by providing the student with practical experience in a public or private setting. May be repeated once for credit in another area. Consent of instructor necessary before registering.

403. ANIMAL BEHAVIOR 3
Prerequisite: BIOL 101. A study of the evolutionary, physiological and social behavior of animals in their natural habitats. Emphasis is placed on the theoretical aspects of why animals behave as they do. Fall of odd-numbered years. (Same as BIOL 403)

411S. HISTORY AND SYSTEMS OF PSYCHOLOGY 3
Prerequisite: PSY 101 or permission of the instructor. A study of some of the important approaches to the study of psychology, both historical and contemporary. Offered on demand.

421. ABNORMAL PSYCHOLOGY 3
Prerequisite: PSY 101 or permission of the instructor. A study of the major syndromes of behavioral disorders. Yearly.

422W. THEORIES OF PERSONALITY 3
Prerequisite: PSY 101 or permission of the instructor. A study of selected research and theories in the field of personality. Yearly.

473. SENIOR SEMINAR 3
Senior standing. Students complete a high-level review of major topics in Psychology integrated into written and oral presentations throughout the semester culminating in a final comprehensive exam. Spring semester annually.

483S. SEMINAR IN PSYCHOLOGY 3
Prerequisite: Junior or senior standing. This course focuses on topics of current or historical interest in psychology. The student will be required to make a number of oral presentations to the class. Offered on demand.

491-496. INDEPENDENT STUDY 1-6
Students taking Psychology Honors may earn credit with honors in this course through research, projects, or concentrated study of selected topics. Other students may pursue independent study and/or research for directed study in areas not satisfied in the regularly listed courses. The course may be repeated for credit with different topics. Approval of the department required.

199. MODULE STUDIES 3
Special topics offered during the Module.

Centenary students live in a friendly, supportive yet stimulating environment.

RELIGION

(REL)

Professor R. Taylor, *Chairperson*
Assistant Professors: Otto, Hawk
Instructor: Trammell-Kelly
Lecturer: Whalen

The Department of Religion attempts to lead students in serious philosophical and theological consideration of the questions of humanity's origin, destiny, meaning, and purpose. The basic assumption of the courses is that these questions are best dealt with in the Jewish-Christian history and writings.

MAJOR REQUIREMENTS FOR THE B.A. IN RELIGION

1. Thirty-one semester hours in Religion courses including 101, 102, 304, 402, 471R, and one course from 305, 311, 405, and 411. No more than 6 hours of Christian Education courses may be counted toward the fulfillment of the 31 hour requirement in religion.
2. Supportive courses as follows:
   3 hours in Sociology
   Psychology 101 or 211
   Public Speaking 200
   Art 101
   Philosophy 307 plus 3 additional hours in philosophy to be approved by Religion Department
   A single foreign language through the elementary level
   2 courses in English above the freshman level.

MAJOR REQUIREMENTS FOR THE B.A. IN CHRISTIAN EDUCATION

1. Fifteen semester hours in Religion courses including 101, 102, 304 plus one course from 305, 311, 402, 405, and 411.
2. Sixteen semester hours in Christian education courses including 251, 252, 350, and 450 and 1 course from 355, 359 and Selected Topics in Adult Ministry 396 S or W, and 471C.
3. Six more hours to be elected from among religion or Christian education courses.
4. Supportive course as follows: Psychology 211 Sociology 202 One additional course in psychology or sociology at the 300 level or above approved by the Religion Department Philosophy 307 plus 3 additional hours in philosophy to be approved by Religion Department

Specific guidance in areas of concentration in age levels (children, youth, adult) will be given by the student's adviser.

Persons graduating with a Bachelor's degree with a major in Christian Education will have fulfilled two (2) of the four (4) certification studies for Associate in Christian Education in the United Methodist Church. (Division of Diaconal Ministry, UMC.)

RELIGION MINOR

REL 101-102, 304, two (2) advanced biblical courses, and two (2) courses from among 402, 407 or Selected Topics in theology.

CHRISTIAN EDUCATION MINOR

REL 101-102, 251, 350, one (1) course from among 305, 311, 312, 404, one (1) course from among 355, 359, 396 (Selected Topics in Adult Ministry), and one (1) elective course in Christian Education.

TRANSFER WORK

Students proposing to transfer lower-level religion courses to Centenary should consult with the department chairperson in order to determine if these courses have prepared them to enter upper-level course work in the department.

PRE-THEOLOGICAL CURRICULUM

Entrance requirements of seminaries and graduate schools of theology must be met with courses in addition to the requirements of the major and core requirements. Therefore, students who plan such graduate or professional study should consult with a member of the Department of Religion before enrolling for work beyond the first semester of the freshman year.

101. INTRODUCTION TO THE OLD TESTAMENT 3

Students are offered a developmental approach to the literature of the Old Testament, utilizing the tools and insights of historical scholarship. The Old Testament is viewed as the faith expression of the Israelite community as it asks and answers in varied ways, issues of life's meaning. The religious perspective of the class is not confessional and prescriptive, but analytical and descriptive.

102. INTRODUCTION TO THE NEW TESTAMENT 3

Students are offered a developmental approach to the literature of the New Testament, utilizing the tools and insights of historical scholarship. The New Testament is viewed as the faith expression of the earliest Christian community. The religious perspective of the class is not confessional and prescriptive, but analytical and descriptive.

203. HISTORY AND DOCTRINES OF METHODISM 3

A study of the movement which affected the social and religious life of 18th-century England and which influenced the cultural, religious, and political development of America. Primary sources are the works of John Wesley, and secondary sources are recent interpretive biographies and histories of Methodism. Offered on demand.

205. STUDIES IN JUDAISM 3,3

A study of Judaism as one of the major religious traditions of the West. The historical as well as the contemporary perspectives on Jewish literature, religious symbols, and lifestyles will be explored. Co-sponsored by the Jewish Chautauqua Society and Centenary College. Offered on demand.

300. PRACTICUM IN THEOLOGICAL INTEGRATION (JUNIOR) 1

Prerequisites: REL 101 and 102 and consent of instructor. A theological practicum dealing with the integration of field placement, theological formation, personality formation. Offered each semester on a Pass/D/Fail basis only. May be elected for up to 2 semester hours. May not be counted toward the major requirement.

303. PHILOSOPHY OF RELIGION 3

A study of philosophical issues raised by the contemporary dialogue between the living world religions. Topics include concepts of God, revelation, religious truth, problem of evil and theory of salvation. Yearly. (Same as PHIL 303)

304. BIBLICAL INTERPRETATION 3
Prerequisite: REL 101 and 102. Hermeneutical approaches to the religious use of the Bible. Issues of authority and inspiration as these influence and application.

305W. PROPHETS OF ISRAEL 3
Prerequisite: REL 101 or consent of the instructor. A study of the prophetic literature with attention to issues of historical context, rhetoric, composition, and the prophet's role in Israelite society. Offered alternate years.

307W. PHILOSOPHY OF WORLD RELIGIONS 3
An historical study of Islam, Hinduism, Buddhism, Taoism and Confucianism as religious philosophies of life and liberation. Yearly. (Same as PHIL 307W)

308. SOCIOLOGY OF RELIGION 3
Prerequisite: SOC 101. An investigation of the contribution of religious symbolism to social organization, socialization, stratification, and change. The course examines the application of social theory, especially organization studies, to understanding religion as a social institution, particularly in the United States. Alternate years. (Same as SOC 308)

311W. LETTERS OF THE EARLY CHURCH 3
Prerequisite: REL 102 or consent of the instructor. An overview of the epistolary literature of the New Testament, supplemented by comparison with extra-canonical epistles. Primary focus is given to an analysis of rhetoric, genre, and social context. Offered alternate years.

395S, W, 396S, W. SELECTED TOPICS IN RELIGION 3,3
A detailed study of an area in religion not normally covered or dealt with only in a partial manner in regular courses, such as "Women and Religion" and "Ministry to Elder Adults". Topics in world religions will concentrate on one or two of the following: Islam, Hinduism, Taoism, Buddhism, and Confucianism. Individual topics may not be repeated for credit. Course is taught as S or W.

400. PRACTICUM IN THEOLOGICAL INTEGRATION (SENIOR) 1
Prerequisites: REL 101 and 102 and consent of instructor. A theological practicum dealing with the integration of field placement, theological formation, personality formation. Offered each semester on a Pass/D/Fail basis only. May be elected for up to 2 semester hours. May not be counted toward the major requirement.

402S. DEVELOPMENT OF CHRISTIAN THOUGHT 3
Prerequisites: REL 101 and 102 or consent of instructor. A study of the development of Christian thinking in previous periods of the Church's history. Selections from Augustine, Aquinas, Luther, Calvin, Wesley, Schleiermacher, Kierkegaard, Barth, Tillich, and others will be utilized. Yearly.

405W. BIBLICAL NARRATIVE 3
Prerequisite: REL 304, 305, or 311. A study of selected texts and larger narrative complexes (the Jacob and Samson cycles, Ruth, 102 Samuel) with attention to the poetic conventions of biblical narrative and strategies of reading. Offered alternate years.

407. TWENTIETH-CENTURY THEOLOGIES 3
Prerequisite: Consent of instructor. A study of the major themes of theology since 1900 with concentration in a few significant theologians of that period. Alternate years.

411W. JESUS AND THE GOSPELS 3
Prerequisite: REL 304, 305, or 311. An exploration of the gospels as witnesses to the Church's memory of Jesus and its proclamation of Jesus as Christ, supplemented by readings from noncanonical gospels. The focus is on the literary and theological dimensions of the texts. Offered alternate years.

417W. ISTORY OF THE CHRISTIAN CHURCH 3
A study of the significant institutional developments, important individuals, and issues in the development of the Christian Church from its beginning to the contemporary period. On demand.

460. WORSHIP IN THE CHRISTIAN TRADITION 3
A study of the history and theology of worship in the Christian tradition. The experience of a variety of liturgies and hymnody as well as practice in the preparation and leadership of services for variable occasions is included. On demand.

471R. SENIOR SEMINAR IN RELIGION 1
Prerequisite: Consent of the instructor. A synoptic review and evaluation of major areas within field. Yearly.

483R. SEMINAR IN RELIGION 3
Prerequisites: 101 and 102 or consent of instructor. An examination of major areas of scholarship in the field of religious studies. Up to six hours credit in separate topics. On demand.

491-496. INDEPENDENT STUDY IN RELIGION 1-6
Open to junior and senior students with the consent of the instructor and the chairman of the department. Weekly conference with instructor. The major portion of the study is composed of library and research work. A written thesis is required. Offered each semester or upon request.

199. MODULE STUDIES 3
Special topics offered during the Module.

Christian Education

(REL)

001,002. CHURCH CAREERS COLLOQUIUM 0

251. INTRODUCTION TO CHRISTIAN EDUCATION 3
The historical and theological foundations of Christian education.

252. HISTORICAL DIMENSIONS OF CHRISTIAN EDUCATION 3
Prerequisite: REL 251. A critical investigation of the historical development of Christian education from Pre-Israelite tribal communities to contemporary educational practices. Alternate years, Spring.

350. RELIGIOUS AND MORAL DEVELOPMENT 3
Prerequisite: PSY 211. A study of the religious and moral growth stages of the human personality from infancy through older adulthood. Utilizes the work of Piaget, Erikson, Flowler, Kohlberg, et al. Yearly.

355S. CHILDREN IN CONTEXT OF CHURCH AND WORLD 3
Prerequisite: PSY 211. Developing approaches to ministries with children. Focus on theoretical and practical nature of this endeavor will be explored.

359. YOUTH IN CONTEXT OF CHURCH AND WORLD 3
Prerequisite: PSY 211. Developing a theoretical and practical understanding of the nature of ministries with youth. Alternate years.

401. INTERNSHIP IN CHRISTIAN EDUCATION 1
Prerequisite: Enrollment in REL 350 and one of the age level ministries during the junior year. Supervised internship in the local church. May be elected for up to 2 semester hours. Offered each semester on a Pass/D/Fail basis only. May not count toward the major requirement.

450S. CHRISTIAN EDUCATION IN THE LOCAL CHURCH 3
Prerequisite: REL 350 and consent of the instructor. Identification of the role of the professional local church educator as related to the organization and programs of Christian education in the local church. Developing models for adult ministries in the local church, including young, middle and older adults, and families. Theories of leadership discovery and development. Introduction of organizational development applied to church education. Yearly.

471C. SENIOR SEMINAR IN CHRISTIAN EDUCATION 1
Prerequisite: Consent of the instructor. A synoptic review of major areas within field. Yearly.

483C. SEMINAR IN CHRISTIAN EDUCATION 3
Prerequisite: REL 251, departmental approval and junior standing. Several topics not ordinarily covered in other courses especially related to resources for Christian education such as educational writing and curriculum, group work, audio visuals, the arts, storytelling, etc. To be taught on demand.

SACRED MUSIC

Students who intend to pursue professional education for a position in a local church as choirmaster or choral director should pursue the Bachelor of Music (B.M.) degree with a major in Sacred Music. Specifics regarding this major are included in another section of this catalogue under the School of Music.

Most students pursuing church-related vocations are enrolled in the Church Careers Program, which is a part of the Department of Religion. For additional information see pg. 155 of the catalogue.

SOCIOLOGY

(SOC)

Professor Vetter, *Chairperson*
Associate Professor: Fisch

Sociology is the systematic study of human beings, human groups, and humanly constructed institutions and organizations. Sociologists strive to understand how humans interact with one another to create the lasting institutions and organizations that link generations in civilization. In addition, sociologists devote serious attention to the manner in which those institutions and organizations influence human interaction.

Students of sociology acquire facility in the development of social thought, the research techniques used to explain the way the social world works, and applications of sociological knowledge to solve social problems. Majoring in sociology prepares students for (1) competent research and study in graduate programs, (2) admission to graduate study in professional degree and certification programs, such as social work, law, counseling, clinical sociology, clinically-oriented styles of ministry, occupational therapy, law enforcement, and other service-oriented professions, (3) bachelor-level practice in a variety of socially-oriented helping professions including social work counseling, religious work, certain adjunct therapies and juvenile and adult corrections, and (4) skillful and innovative performance in private business enterprise and public service.

Students with at least a 3.0 cumulative GPA and 10 or more hours in sociology with a 3.0 GPA are eligible for membership in Eta Chapter, Alpha Kappa Delta International Sociology Honor Society.

This department has a decidedly applied service orientation. Students are provided with a solid grounding in the various liberal arts and in the social scientific approach to understanding the world. They are encouraged and guided to use their knowledge and expertise to make the world a better place for all.

MAJOR REQUIREMENTS

All candidates for the B.A. degree in Sociology must complete:

1. At least thirty (30) semester hours in Sociology including 101, 401 or 402, 415 and an approved statistics course.

2. Of these hours twelve (12) must be from courses numbered 300 or above.
3. All Sociology majors are required to take one semester of Internship and Senior Seminar.

Majors are encouraged to take biology to fulfill core requirements and are strongly encouraged to take a foreign language through the intermediate level.

MINOR REQUIREMENTS

1. Sociology 101, 401, or 402.
2. Four (4) additional Sociology courses of the student's choice in consultation with the student's adviser.
3. Internship is not required of a minor but is recommended.

DEPARTMENT HONORS IN SOCIOLOGY

1. Sociology Major
2. Senior Standing
3. 2 Semesters of Study and Research
4. GPA of 3.5 or better in major and 3.0 overall.

Students participating in the Honors Program will engage in extensive study in original research under the guidance of the Sociology faculty. An oral and written presentation of research findings will be required.

NOTE: ***Students registering for advanced courses in the department should present proof of adequate background in social science theory and practice appropriate to the level of the course. Students are not permitted to register for Sociology 493 before consulting the department.***

101. INTRODUCTORY SOCIOLOGY 3

A general survey of the development of sociology as an explanatory discipline with emphasis on the progressive theoretical foundations of the discipline. Subjects such as the interactions between individuals and society, the nature of social groups, and patterns of organization are discussed in the context of increasing sophistication of theory and method. Each semester.

112. SOCIAL PROBLEMS 3

Application of sociological theory and research to selected contemporary social problems. Emphasis is placed on the structural and interactional nature of social issues and personal troubles in an effort to define and interpret pertinent social problems. Annually.

200-201. CLEAR 2-2

Students, through the Center for Learning Enhancement and Research, Inc. (CLEAR), are matched with primary and secondary students experiencing learning difficulties for the purpose of tutoring. ***Only 3 of the 4 hours should count toward a sociology major/minor and SOC 200-201 will not meet the core requirement for sociology.***

202. MARRIAGE AND FAMILY 3

A sociological analysis of marriage and family behavior within contemporary American society. A study of the interactional aspects of marriage and family with major emphasis upon the American middle-class. Annually.

211. THE SOCIOLOGY OF ORGANIZATIONS 3

Prerequisite: SOC 101. The study of structure and process in large-scale organizations. Examines bureaucracy and related types of organization as well as interrelationships of formal and informal organizations. On demand.

212. SOCIAL DEVIANCE 3

Prerequisite: SOC 101 or 112. A structural approach to systematic non-conforming group behavior covering social change, subcultural-cultural conflict, labeling theory, anomie-alienation, social control. Annually.

221. CULTURAL ANTHROPOLOGY 3

A study of modern theories of cultural anthropology, methods of research, and a comparative study of diverse systems of social organization. On demand.

231. INTRODUCTION TO SOCIAL WORK 3

A survey of casework, group work, community organization, social analysis, intervention, and priority care. Detailed attention will be given to ethics and decision-making in engineered micro-and macro-social change. On demand.

305. SOCIAL PSYCHOLOGY 3

Prerequisite: SOC 101 or 112. A theoretical and non-mathematical experimental approach to interpersonal interaction. Symbolic interaction, interest and exchange theory, group dynamics and process, ethnomethodology, and phenomenology. Annually. (Same as PSY 305)

308. THE SOCIOLOGY OF RELIGION 3

Prerequisite: SOC 101. An investigation of the contribution of religious symbolism to social organization, socialization, stratification, and change. The course examines the application of social theory, especially organization studies, to understanding religion as a social institution, particularly in the U.S. On demand. (Same as REL 308)

309. SOCIAL STRATIFICATION 3

Prerequisite: SOC 101. An analysis of the structuring of societies along social class and caste lines with particular application to the American situation. Includes theories and characters of social class systems, research in stratification, differential class behavior, social mobility, power relationships, and castes and estate systems. On demand.

310S. URBAN SOCIOLOGY 3

Prerequisite: SOC 101. The study of how cities grow and vary in time and in different cultural contexts. An integration of materials from a variety of disciplines will be used to understand the phenomenon of cities.

312W. DEMOGRAPHY 3

Prerequisite: SOC 101 or 112. The statistical study of populations and ecosystems, their size, distribution, and composition. It is concerned with such matters as the changes over time in fertility, mortality, and migration, and with the variables related to these changes. On demand.

314S. CRIMINOLOGY 3

Prerequisites: Introductory Sociology preferred, any introductory social science course acceptable. A study of crime and the criminal justice system. Emphasis is placed on criminology as an academic discipline, a sociological analysis of the criminal justice system, and adult crime. Annually.

315. JUVENILE DELINQUENCY 3

Prerequisites: Introductory Sociology preferred, any introductory social science course acceptable. A study of the phenomenon of delinquency with an emphasis on the historical development of delinquency in the United States, theoretical explanations, social control theories, and the juvenile court system. Annually.

395-396. SELECTED TOPICS IN SOCIOLOGY 3,3

Prerequisites: At least 6 hours in Sociology. A detailed study of specialized topics in sociology not normally covered in regular sociology, social work, and anthropology courses. On demand.

400. INTERNSHIP 3

Students will be placed in a service agency for one semester for a minimum of 3 hours a week. Conferences with faculty will be at least 1 hour every two weeks. Students will be required to write a paper outlining the goals of the agency, an evaluation of how well the goals are being met, and their interpretation of their overall experience. May be repeated for credit.

401S. DEVELOPMENT OF SOCIAL THOUGHT 3

Prerequisite: Permission of the instructor. A historical perspective in sociological thought. Major theorists studied include Marx, Weber, Durkheim, Michels, Veblen, Pareto, Parks, Schutz, Habermas, Znaniecki, Wirth. Contributions to the development of modern European sociological thought will be examined. Primary sources will be used. Annually.

402W. CONTEMPORARY AMERICAN SOCIOLOGY 3

Prerequisite: Permission of the instructor. A survey of contemporary American schools of sociology including functionalism, structuralism, symbolic interaction, exchange, role, conflict, community study, and radicalism. Primary sources will be used. Annually.

403S. WORK AND OCCUPATIONS 3

Prerequisite: SOC 101. This course will concentrate on the definition of work and occupations; why people work and works place in society. The occupational structure will be examined by various demographic variables and theories will be studied to understand work and occupations.

410. COLLECTIVE BEHAVIOR AND SOCIAL MOVEMENTS 3

Prerequisite: SOC 101 or 112. An examination of all forms of collective behavior; to be included in the study are crowd behavior, panic behavior, mass movements, fads and fashions, social movements, and other forms of collective social action.

415W. METHODS IN SOCIAL RESEARCH 4

Prerequisite: At least 6 hours in Sociology. An examination of the interrelationship of theory, methodology and sociological research techniques. On demand.

473. SENIOR SEMINAR 3

Prerequisite: permission of the instructor. An in depth review of the major areas within the discipline of Sociology with emphasis placed on theory and research. Yearly.

483. SEMINAR 3

Prerequisite: Permission of the instructor. An advanced study in research seminar format within a particular sociological specialty. Annually.

493. INDEPENDENT STUDY 3

Prerequisites: Permission of the department, submission of acceptable proposal, selection of adviser. Advanced library or original research in a well-defined topic of the students' choice, forming a logical part of their academic curriculum. On demand.

199. MODULE STUDIES 3

Special topics offered during the Module.

Honors Convocation is held in Brown Chapel each spring.

THEATRE/SPEECH/DANCE

(THSP)

Professor Buseick, *Chairman*
Associate Professors: Folmer, Hooper
Instructor: Leber

The Theatre/Speech/Dance Department offers a curriculum to serve three types of students: those who plan to attend graduate school, those who plan to teach, and those who plan to pursue a career in the profession or to use their training for vocational recreation.

The Theatre/Speech/Dance Department provides cultural enrichment for the College and the community through its production schedule, representing a "Theatre With A Purpose." Participation in the productions of the department is open to any student enrolled at Centenary College.

THEATRE MAJOR REQUIREMENTS

For the B.A. in Theatre, the major must complete:

1. Thirty-six (36) semester hours
    (a) required in these hours are those courses marked RT in the list below.
    (b) seven of these hours must be elected from the courses marked ET in the list below.
2. A single foreign language through the elementary level.
3. And 471-473S, T, or S or T.

MINOR REQUIREMENTS

General Theatre: THSP 111, 201, 204, 250, 307, 308, 483.
Technical Emphasis: THSP 111, 205, 206, 305, 350, 483, 493.
Directing Emphasis: THSP 111, 205, 206, 203 or 204, 303, 401, 402.
Acting Emphasis: THSP 102, 103, 111, 203, 204, 303, 405, 493.

SPEECH MAJOR REQUIREMENTS

For the B.A. in Speech, the major must complete:

1. Thirty-six (36) semester hours
    (a) required in these hours are those courses marked RS in the list below.
    (b) twelve of these hours must be elected from those courses marked ES in the list below.
2. A single foreign language through the elementary level.

MINOR REQUIREMENTS

THSP 101, 200, 220, 311, and 2 of the following courses: 155, 201, 258, 310.

BACHELOR OF ARTS IN DANCE

This degree is designed for students who wish to pursue a career in dance as teachers, performers and/or choreographers.

Required courses:

1. Dance: technique courses (20 hours). At least 4 hours in each of the following disciplines: ballet, tap, modern, jazz. At least 12 of these hours at the 200/300 level; THSP 327W, 328S, 370, 491 or 492D, 483D.

2. Theatre: THSP 204, 205, 305.

3. Supportive courses: BIOL 101, 111, EXSC 324 or EXSC 325, FREN 101, 102 or FREN 201, 202, MUS 129, 130 or Private Piano Lessons (2 hrs.), MUS 139 or Private Voice Lessons (1 hr.), MUS 143.

BACHELOR OF ARTS IN PERFORMING ARTS

This degree is designed for students who want to pursue a career in performing arts. Prospective candidates must audition and demonstrate a strong potential in one of the three areas of concentration: acting, dance, or music, in order to be accepted.

Required courses:

1. Theatre: THSP 102, 103, 201, 204, 303, 307 or 308, 401, 402, 405.

2. Dance: THSP 121, 122, 123, 124, 125, 126, 127, 128, 327, 328, 370, and 8 hours from the intermediate or advanced level techniques courses. Students who already have proficiency past the beginning level in dance may substitute more advanced courses in this area for the required beginning level courses.

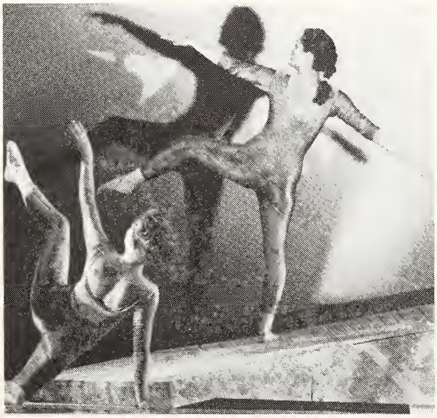
3. Music: MUS 107, 111, 112, 141, 142, 4 hours from 170 and 270, 2 hours in Ensemble, and piano proficiency.

4. At least 6 hours of a single foreign language.

THEATRE/SPEECH CERTIFICATION

For the B.A. in Theatre/Speech with teacher certification, the major must complete the teacher certification requirements (see Department of Education) plus:

1. Thirty-six (36) semester hours
   - (a) required in these hours are those courses marked RC in the list below.
   - (b) eight of these hours must be elected from those courses marked EC in the list below.
2. A single foreign language through the elementary level.



Centenary's Escaped Images Dance Company performs in "Choreogroove."

MAJOR REQUIRED COURSES

101	RS/ET/EC	206	ES/ET/EC	350	ES/ET/EC
102-103	RT/RC/ES	208	ET/EC/ES	351	ES/ET/EC
108-109	RC/RS	220	RS/RC/EC	354	ES/ET/EC
111	RC/ES	250	ES/ET/EC	401	RT/RC/ES
112	RT/ES/EC	258	RS/EC	402	RT/ES/EC
155	RS/EC	303	ES/EC/ET	405	ES/ET/EC
200	RS/EC	305	ES/ET/EC	483T	ES/ET/EC
201	RS/RC/ET	307	RT/ES/EC	471-473	RS/RT/RC
203	RT/RC/ES	308	RT/ES/EC	491-493	RS/RT/RC
204	RT/RC/ES	310	RC/ES/ETY		
205	RT/RC/ES	311	RS/RC		

001-002. THEATRE LABORATORY 0-0
A practical experience related to productions, both performance and technical, for all theatre and theatre/speech certification majors for each semester in which they are registered in the College as theatre/speech majors.

101. VOICE AND DICTION 3
Study of vocal usage and work designed to improve personal speech through various exercises. An introduction to phonetics is also included. Yearly.

102-103. VOICE FOR THE STAGE 2-2
An intensive year-long study of voice and speech embracing the study of sound production, breathing, projection, and the beginnings of their application to scene work. Yearly.

104. WORKSHOP: COSTUME CONSTRUCTION 1
Practical workshop in design and construction related to summer productions. Offered summers only.

105. WORKSHOP PRODUCTION: TECHNICAL 1
Practical workshop in construction, lighting, and stage props as related to summer productions. Offered summers only.

106. WORKSHOP: MAKE-UP 1
A concentrated practical study of the basic techniques and application as applied to stage make-up. Offered summers only.

107. WORKSHOP: ACTING 1
Principles of basic acting technique culminating in participation in special summer productions. Offered summers only.

108-109. FORENSIC LAB 1-1
Preparation for and participation at college forensic tournaments. May take the form of debate or individual events or both. Two semesters required for Theatre/Speech certification and for Speech majors. Offered every semester.

111. ORIENTATION TO THE THEATRE 3
A brief but comprehensive introductory view of the theatre examining all the elements that make it a lively art. Yearly.

112. ANALYSIS AND CRITICISM 3
An introductory study of form and technique of dramatic literature. Yearly.

121-122. BALLET (BEGINNING) 1-1
Introduction to the fundamentals of classical ballet and vocabulary. (Same as EXSC 121-122)

123-124. TAP (BEGINNING) 1-1
Basic tap technique and vocabulary. (Same as EXSC 123-124)

125-126. JAZZ (BEGINNING) 1-1
Introduction to basic modern jazz technique and vocabulary with emphasis on body placement and exercise to increase the flexibility of the body. (Same as EXSC 125-126)

127-128. MODERN DANCE (BEGINNING) 1-1
Introduction to basic modern dance technique, terminology, and philosophy. (Same as EXSC 127-128)

155. INTERPERSONAL COMMUNICATION 3
Study of interpersonal communication with emphasis on improving student skills such as listening, conflict resolution, and assertiveness.

200. PUBLIC SPEAKING 3
The development of oral communication skills employed in various speaking situations. Yearly.

201. INTRODUCTION TO INTERPRETATION 3
A step-by-step approach to the study and performance of literature. Yearly.

203. ACTING: MOVEMENT 2
A study of the body as one of the tools in acting. Work on scenes and creative expression through physical movement. Alternate years.

204. ACTING: IMPROVISATION 2
Prerequisite: 203. An intellectual approach to acting through the discovery of the where, who, and what used to develop creativity and spontaneity in the actor. Alternate years.

205. INTRODUCTION TO TECHNICAL THEATRE 3
A course in applied arts in staging, lighting, and scenery. Yearly.

206. SCENE DESIGN 3
Prerequisite: 205. Introduction to the principles of design for the theatre. Alternate years.

208. DRAFTING FOR THE THEATRE 3
A detailed study of theatrical drafting techniques. Spring, alternate years.

220. SMALL GROUP COMMUNICATIONS 3
A study of group dynamics, exploring conflict, problem solving, decision making, and leadership through participation. Alternate years.

243-244. TAP (INTERMEDIATE) 2-2
Concentration on riffs, pull-backs, wings, turns, and other specific advanced movements. (Permission of instructor required.) (Same as EXSC 243-244)

245-246. JAZZ (INTERMEDIATE) 2-2
In-depth exploration of basic jazz movements with emphasis on rhythmic patterns, dynamics, space, and levels. (Permission of instructor required.) (Same as EXSC 245-246)

247-248. MODERN DANCE (INTERMEDIATE) 2-2
Concentration on technical proficiency with emphasis on individual creativity. (Prerequisite: THSP 127 and 128 or permission of instructor.) (Same as EXSC 247-248)

250. HISTORIC COSTUME FOR THE STAGE 3
A survey of dress, style, and design of personal scenic elements for theatrical production. Alternate years.

258. NONVERBAL & CROSS-CULTURAL COMMUNICATION 3
A comprehensive study of nonverbal communication, with application to cross-cultural communi-cation.

261-262. BALLET (INTERMEDIATE) 2-2
Designed to increase the students' knowledge of ballet by extending their vocabulary of classical movement, with emphasis on the importance of precision and proficiency. (Permission of instructor required.) (Same as EXSC 261-262)

290. INTERDISCIPLINARY STUDIES 3
This course is designed to facilitate the treatment of topics across disciplinary boundaries. Topics will vary from year to year. Course, but not individual topics, may be repeated for credit. No more than one 290 course may be used to fulfill a core requirement. Offered on demand.

303. ACTING: CHARACTER DEVELOPMENT 3
Through work with the dramatic text the student researches and applies philosophies of character development, using techniques of Stanislavski. Alternate years.

305. STAGE LIGHTING AND SOUND 3
Survey of light and sound for the communicative media. Alternate years.

307S. HISTORY OF THE THEATRE 3
The development of the theatre from its beginning to 1800, including highlights of great dramatists and their works, and of production. Yearly.

308W. HISTORY OF THE THEATRE 3
Prerequisite: 307. The development of the theatre from 1800 to the present, including highlights of great dramatists and their works, and of production. Yearly.

310W. COMMUNICATION MEDIA: RADIO/TELEVISION 3
A study of the general principles and operations of radio and television. Alternate years.

311S. PERSUASION 3
Prerequisite: THSP 200. Study of current perspectives, research, theory, and applications of persuasion.

327W. DANCE HISTORY I 3
The development of Western theatrical dance from its beginning in the Renaissance Courts of Italy up to the 20th Century. Concentration on classical ballet.

328S. DANCE HISTORY II 3
The development of modern tap, jazz, and twentieth century ballet, including a survey of the current dance scene.

350. COSTUME DESIGN 3
Prerequisite: 250. Emphasis on design principles and construction. Alternate years.

351. TECHNICAL DIRECTION 3
Prerequisites: THSP 205, 208. An indepth study of theatrical construction techniques. Fall, alternate years.

353. TELEVISION PRODUCTION 3
Prerequisites: ENGL 251, THSP 205, or THSP 310W. Students will examine the theory and practice of television production. The methods of teaching will be classroom lecture and discussion and laboratory time at Alternate View Network (AVN). (Same as ENGL 353)

354. SCENIC ART AND RENDERING TECHNIQUES 3
Prerequisite: ART 103. A practical study of theatrical art. Spring, alternate years.

361-362. BALLET (ADVANCED) 2-2
Concentration on the performance aspects of ballet. Pointe work for women. Adagio and partner work for men. (Permission of instructor required.) (Same as EXSC 361-362)

363-364. TAP (ADVANCED) 2-2
Exploration of various styles of tap such as soft shoe, ballet-tap, and buck-and-wing, with concentration on performance aspects and choreographic uses. (Permission of instructor required.) (Same as EXSC 363-364)

365-366. JAZZ (ADVANCED) 2-2
Exploration of various styles of jazz dance such as lyrical, rock and musical comedy varieties with concentration on performance aspects and choreographic uses. (Permission of instructor required.) (Same as EXSC 365-366)

367-368. MODERN DANCE (ADVANCED) 2-2
Exploration of various styles of modern technique with concentration on performance and choreography. (Prerequisite: THSP 247-248 or permission of instructor.) (Same as EXSC 367-368)

370. CHOREOGRAPHY AND COMPOSITION 3
Methods of choreography and dance notation. Emphasis on theoretical and creative concepts. (Permission of instructor required.)

401. DIRECTING I 3
Open only to senior speech or theatre majors. A study of the development of the director and his or her responsibilities in the theatre, together with a survey of production principles. One-act plays produced by members of the class. Yearly.

402. DIRECTING II 3

Prerequisite: 401. Script analysis and the application of researched theory into practical experience by means of directing scenes, one-acts, and cuttings. Yearly.

405. ACTING: STYLES 3

Prerequisite: 303. A survey of acting styles in Greek, Medieval, Commedia dell' Arte, Renaissance, Neo-classical, Restoration, Romantic, Realistic, Satire and Epic Theatre, and Theatre of the Absurd. Alternate years.

471-473T. SENIOR SEMINAR IN THEATRE 1-3

A specially designed project course to assure senior competency in a student's major discipline.

471-473D. SENIOR SEMINAR IN DANCE 1-3

A specially designed project course to assure senior competency in a student's major discipline.

471-473S. SENIOR SEMINAR IN SPEECH 1-3

A specially designed project course to assure senior competency in a student's major discipline.

483T. SEMINAR IN THEATRE 3

Prerequisite: Consent of instructor. Advanced courses arranged for the individual major's requirements. Each semester.

483D. SEMINAR IN DANCE 3

Advanced courses arranged for the individual needs and interests of the student. (Consent of instructor required.)

491-496T. INDEPENDENT STUDY IN THEATRE 1-6

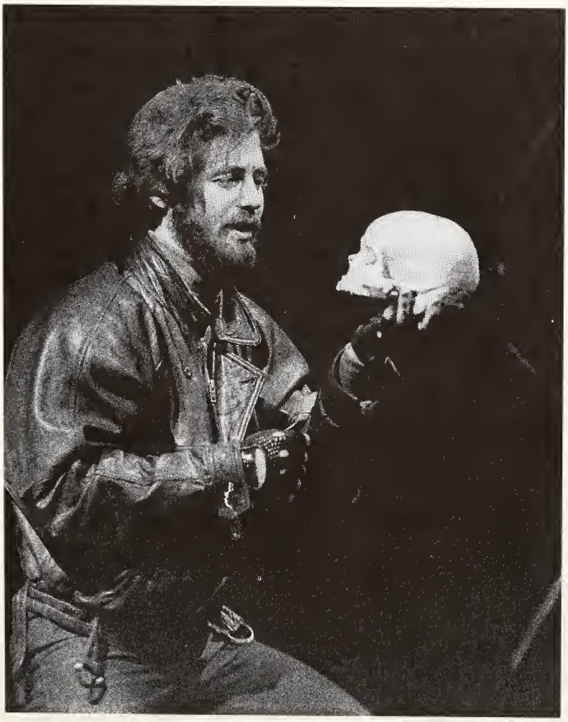
Prerequisites: Junior or senior standing and consent of instructor. Designed for flexibility, this course is offered to meet the need of the individual student. Examples of projects: writing a thesis, mounting a production, developing a course of study, playwrighting, research, and conference. Each semester.

491-496D. INDEPENDENT STUDY IN DANCE 1-6

Prerequisites: Junior or senior standing and consent of instructor. A specific project such as choreographing a musical play, writing a thesis, or presenting a dance concert as a choreographer and/or as a performer.

199. MODULE STUDIES 3

Special topics offered during the Module.



John Bundrick was named Shreveport "Times" Best Actor of the Year for his performance in Shakespeare's "Hamlet".

ENRICHMENT OPPORTUNITIES

The Centenary Mentor Program

In keeping with its traditional quest for academic excellence, Centenary College has instituted a special program for gifted students who are dedicated scholars. These students will be groomed for such awards as Rhodes, Rotary, and Fulbright Scholarships, and for prestigious graduate school fellowships. Those interested in this program may select specific faculty members as their mentors and, if approved, will work as proteges and junior colleagues on special scholarly and professional projects. Further information is available through the Dean of the College.

In keeping with its aim to provide breadth as well as depth in the student's academic experience, Centenary offers a variety of off-campus, exchange, travel, and field study programs. Additional information on any of the following may be obtained from the Dean of the College.

The Centenary/Denmark Exchange Program

By means of a unique exchange program Centenary faculty and students have the opportunity to teach and study at the English Institute of the University of Aarhus, Denmark or The Aarhus School of Business. Because of these "sister institution" relationships, students may earn credit at Centenary for courses completed at the University of Aarhus or The Aarhus School of Business, without additional tuition and fees beyond those normally paid at Centenary College. Through this arrangement, participating Centenary students are enabled not only to study at leading European universities but also to travel on the Continent while living in Denmark. The exchanges between the two institutions are for one semester only.

British Studies at Oxford Program

Centenary's membership in the Associated Colleges of the South (ACS), an educational consortium, enables Centenary students to participate in the British Studies at Oxford program during the summer. Each year a different period of Britain's historical and cultural development is studied under the direction of some of England's leading scholars. Students live and study at St. John's College, Oxford, and have the opportunity to travel throughout Great Britain. Students who successfully complete this program receive course credit from Centenary.

The Intercollegiate Center for Classical Studies in Rome, Italy

Centenary College is a member of a consortium of American and Canadian colleges and universities that offer instruction in Classical Studies. Applications for the Spring term are due by October 31st and applications for the Fall term are due by April 15th. Contact Dr. Stephen Clark in the Foreign Language department.

Oak Ridge Semester

A semester of study and research at Oak Ridge National Laboratory is available to qualified science students through the joint sponsorship of ACS and the Energy Research and Development Administration. The Oak Ridge semester begins in early January and lasts sixteen weeks. The program is open to junior or senior majors in mathematics, chemistry, physics, biology, economics, and sociology. Students selected for this program receive a $1000 scholarship for living expenses.

CODOFIL

Centenary College is a member of the Consortium of Louisiana Universities and Colleges of CODOFIL (the Council for the Development of French in Louisiana). The Consortium sponsors both academic year and summer study programs at the Universite Catholique de l'Ouest in Angers, France. Academic-year programs are also available at the Universite Laval in Quebec and the Universite de Mons in Belgium. Every year one or more $2000 scholarships for the academic year program are available to Centenary students who are legal residents of Louisiana or enrolled in a Louisiana college or university. Centenary students are eligible to apply for scholarships given by the French, Belgium, and Canadian governments which pay most expenses (except airfare) for the month-long summer program. Academic credit earned through these programs is accepted as "in-residence" semester hours by Centenary. Preference is given to French majors.

Washington Semester Program

Selected students are permitted to spend one semester of their junior year at the School of Government and Public Administration of the American University in Washington, D.C. The purposes of the program are to provide an opportunity for students to observe their government in action, to perform individual research under careful supervision, and to exchange ideas with students from other institutions. Participating students work on an individual project selecting three courses to complete the program. Projects and courses are chosen in consultation with the faculty adviser, and full credit for the semester is granted by Centenary.

OTHER EDUCATIONAL RESOURCES

The Center for Economic Education

Centenary College has one of the four Centers in the Louisiana Council for Economic Education. The Louisiana Council is a member of the National Joint Council of Economic Education. The purpose of the Center is to work with the State Department of Education, the Joint Council, and the school districts of the area in conducting in-service workshops in the teaching of economics. A summer workshop is held each year at Centenary, which gives graduate credit to the participants. Current economic issues are studied as well as the economic principles behind these issues.

The Center for Management Development

The Center for Management Development at Centenary College conducts seminars of interest to the business community on such topics as human relations, marketing research techniques, plant safety, and women in management, as well as the yearly supervisory seminar. The Center also holds training programs for local businesses to assist the development of their employees for advancement. The Dean of the School of Business is the Director of the Center.

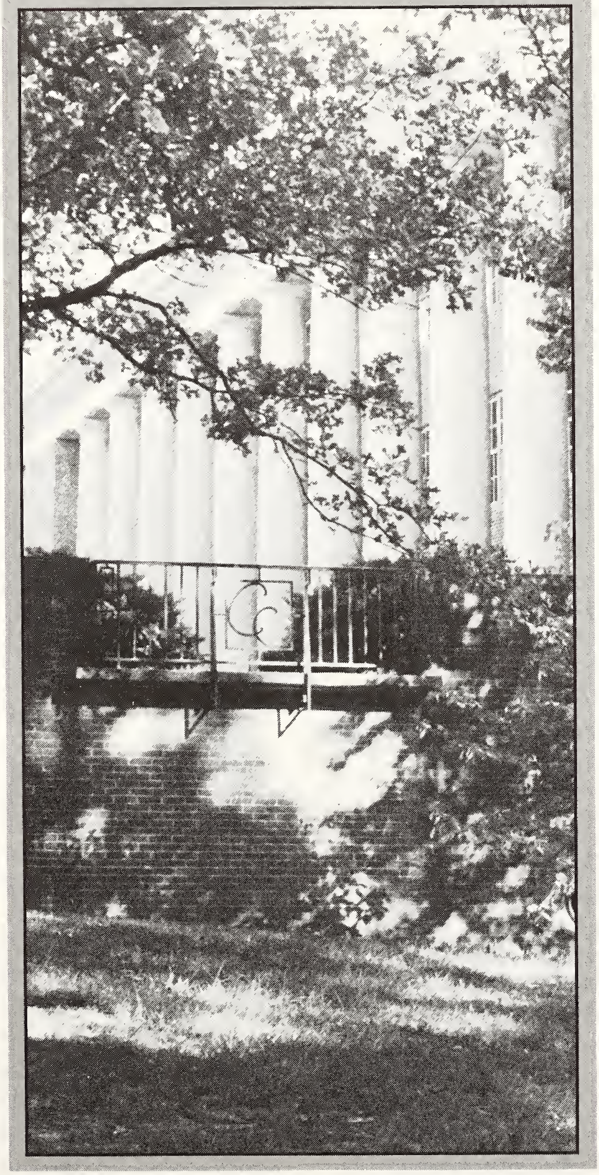
Senior Adult Education

The Senior Adult Education Program at Centenary College offers short non-credit courses in the spring and fall to persons in the area who are sixty years of age or older. These courses cover a variety of subjects and are taught by Centenary professors and persons from the communities of Shreveport and Bossier City.

The East Wing Dormitory and spacious, pine-studded grounds at the old campus in Jackson, LA, create a collegial setting for a picnic lunch. The Centenary Muses sponsored a trip for sophomores and staff.

VIII

COLLEGE ORGANIZATION



CENTENARY COLLEGE OF LOUISIANA BOARD OF TRUSTEES 1993-94

OFFICERS

George D. Nelson, Chairman
J. Hugh Watson, Vice Chairman
William G. Anderson, Treasurer
Herman Williamson, Jr., Secretary

EX OFFICIO MEMBERS

Bishop-Louisiana Conference-United Methodist Church
President of the College
President of Alumni Association
President of Student Senate
Chairperson of Faculty Coordinating Committee
Chairperson of Personnel Committee

TERM EXPIRES IN 1994

Katherine Turner Cheeseman (Mrs. Beynon S.) (Shreveport)
E.J. Crawford, III (Shreveport)
John David Crow (Shreveport)
D. L. Dykes, Jr. (Shreveport)
Kenneth M. Fisher (Baton Rouge)
Roy S. Hurley (Shreveport)
Paul Michael Mann (Humble, Texas)
George R. Schurman (Shreveport)
Carl Edmund Stewart (Shreveport)
Fletcher Thorne-Thomsen (Shreveport)
W. Juan Watkins (Shreveport)
J. Hugh Watson (Shreveport)
Donald P. Weiss (Shreveport)

TERM EXPIRES IN 1995

William G. Anderson (Shreveport)
Nancy Mikell Carruth (Mrs. Edward T.) (Bunkie)
John Stafford Comegys (Shreveport)
Caroline Atkins Crawford (Mrs. E. J., Jr.) (Shreveport)
Sam B. Grayson (Shreveport)
John S. Hardy (Shreveport)
Masasuke Kawasaki (Covington)
Charles D. Knight (Shreveport)
Daryl Mitchell (Shreveport)
Taylor F. Moore (Shreveport)
George D. Nelson, Jr. (Shreveport)
John T. Palmer (Shreveport)
Robert L. Potter (Shreveport)
Joe D. Waggonner, Jr. (Benton)
Hoyt Yokem (Shreveport)

TERM EXPIRES IN 1996

Charles Ellis Brown (Shreveport)
Kenneth Q. Carlile (Marshall, Texas)
Edwin C. Harbuck (Shreveport)
Pat Ewing Hendrick (Mrs. John A.) (Shreveport)
William H. Jackson (Shreveport)
H. Blume Johnson (Shreveport)
Tom H. Matheny (Hammond)
Paul C. McDonald (Shreveport)
George D. Nelson (Shreveport)
Sam P. Peters (Shreveport)
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Ronald Sawyer (Shreveport)
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N. H. Wheless, Jr. (Shreveport)
Harvey G. Williamson (Baton Rouge)
Herman Williamson, Jr. (Shreveport)

LIFE MEMBERS

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Sam Backus (Shreveport)
Floyd C. Boswell (Shreveport)
Alberta Broyles (Shreveport)
Jack Cooke (Shreveport)
Dana Dawson, Jr. (Baton Rouge)
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G. W. James, Sr. (Ruston)
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Douglas L. McGuire (Ruston)
Merlin W. Merrill (Ruston)
Austin G. Robertson (Shreveport)
Albert Sklar (Shreveport)
Bentley Sloane (Shreveport)

ADMINISTRATION

Office of the President

Kenneth L. Schwab, Ed.D., President

Leah Volentine, Secretary to the President

Office of Admission

Dorothy Bird Gwin, Ed.D., Dean of Enrollment Management

Heath Elliott, B.A., Admissions Counselor

Michelle Willey, B.A., Admissions Counselor

Jamal P. LeBlanc, B.A., Admisisons Counselor

Paul H. Morgan, III, B.S. Admisisons Counselor

Shelby Farrell, B.S., Admisisons Counselor

Linda Huffman, Admissions Secretary/Receptionist

Ilonka Suttle, Secretary to the Dean

Chandra Hayes, B.A., Application Processor

Shirley Cowell, Inquiry Processor

Office of Financial Aid

Mary Sue Rix, M.A., Director of Financial Aid

Lynette Viskozki, B.S., Assistant Director of Financial Aid, Student Loan Officer and Veterans' Benefits Coordinator

Athletic Department

Thomas T. Vardeman, M.A., Athletic Director & Coach of Men's Basketball

Wayne Rathbun, M.S., Coach of Men's Baseball

Willie Jackson, B.S., Assistant Coach of Men's Basketball

Steve Roccaforte, B.S., Assistant Coach of Men's Basketball and Women's Cross Country

Paul Rasmussen, M.A., Assistant Basketball Coach

Oree Marsalis, Coach of Men's Golf

James Harrison, M.S., Coach of Men's and Women's Tennis

Patty Harrison Adams, B.G.S., Assistant Coach of Men's and Women's Tennis

Laneigh A. Clark, Coach of Women's Softball and Women's Volleyball

Glenn S. Evans, M.Ed., Coach of Men's & Women's Soccer

Robert and Willa Moss, Coaches of Women's Gymnastics

James Clark, B.A., Riflery Coach

Steve Murray, M.S.S., Sports Information Director and Trainer

Terry Ann Finklea, Secretary

Martha Connell, Secretary

Office of the Provost & Dean of the College

Robert P. Bareikis, Ph.D., Provost & Dean of the College

Jeannie Clements, Administrative Assistant

Computer Center

David E. Thomas, Ph.D., Director

William V. Hurst, B.B.A., Director, Computer Technical Services

Sherry Barefield, Administrative Director

Continuing Education and Summer Programs

Kay Lee, B.A., Director

Office of the Dean of Students

James D. Hard, M.A.(R), Dean of Students

Joy Jeffers, B.S., Assistant Dean

Peggy Young, M.A., Director of Student Activities and Intramurals

Melvina Setwart, Secretary to the Dean of Students

Martha Pineda, M.A., Resident Director Men's Facilities

Mary Rogers, B.S., Resident Director

Helen Smith, Resident Director

Elizabeth Hurley, Resident Director/Campus Nurse

Career Center

Mary Ann Welborn, A.B., M.A., Ed.D., Director

Intercultural Affairs

Grace E. Bareikis, Ed.D., Director

Magale Library

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Ella C. Edwards, M.S., Archivist
Christy J. Wrenn, M.L.S., Coordinator of Technical Services
Bonnie A. Hodges, M.S.L.S., Coordinator of Access Services
Carolyn Garison, M.L.S., Music Librarian/Collection Development
Nancy E. Middleton, B.S., Acquisitions
Judith Grunes, A.B., Cataloging
Marcia L. Alexander, B.A., Serials
Yvonne Norman, Circulation
Sharon Cain, Media and Support Services

Meadows Art Museum

Judy Godfrey, B.A., M.A., Director
Bruce Allen, M.F.A., Assistant to the Curator

Office of the Registrar

Gary R. Young, Ph.D., Registrar
Golda K. Young, B.A., Assistant to the Registrar
Linda Sue Muse, B.M., Records Clerk

School of Church Careers

Jayne Trammell-Kelly, M.Div., Director
Richard A. Anders, B.A., Associate Director of Church Careers
Peggy McKinney, B.F.A., Secretary

Academic Offices

Gail Spence, Secretary to the Hurley School of Music
Ilka Vaitkus, Secretary to the Education Department and Coordinator of Teacher Placement
Charlotte Turnley, Secretary to the School of Business
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Patty Roberts, B.A., Secretary to the English Department
Angela McWilliams, Secretary to the Theatre/Speech Department

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Richard A. Anders, B.A., Director of Church Relations
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Gerda Priehn Crawford, B.A., Development Officer
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Tricia Kuretich, Secretary/Annual Giving
Mary Ebarb, Secretary/Foundations, Corporations, & Scholarships
Cindy Flowers, Secretary/Alumni Relations and Public Relations

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Nikki Holmes, Office Manager
Martha Wilt, Payroll Clerk
Connie Sawyer, Secretary
Merble Bennett, Students' Account Clerk/Cashier
Sonja Smith, Accounts Payable Clerk
Mildred Grate, Funds Desk Clerk
Cindy Bounds, N.D.S.L. Clerk & Facilities Coordinator

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Mark Austin, Bookstore Manager

Physical Plant

Jack Lee, B.A., Director of Physical Plant
Richard W. Rouse, Assistant Director of Physical Plant
Larry Godfrey, M.A., Data Manager
Rebecca Meacham, B.S., Secretary

Building Maintenance and Operations

Samuel Downs, Supervisor/Electrician
Bryson Graham, General Repair/Plumber
Francisco Soriano, Carpenter
James Flake, General Repair/Locksmith
Leroy Gafford, Painter
Robert Hill, General Repair/Carpenter
Ronnie Cain, Painter
Alexander Loredo, Systems Mechanic (HVAC)
Randy Walker, Assistant Systems Mechanic (HVAC)
Michael Stayner, Assistant Systems Mechanic (HVAC)
Gene Kersten, Supply Purchasing
Stanley Hall, Carpenter
Lyle Baker, Assistant Supply/Purchasing

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David Gadson, Foreman
Michael Mims, Groundskeeper
Lee Jackson, Groundskeeper
Sidney Johnson, Groundskeeper
David Adams, Groundskeeper
Nathan Davis, Groundskeeper
Patty Livingston, Groundskeeper
Craig Veal, Groundskeeper
Joseph Harris, Groundskeeper

Cafeteria

Jill Perdue, B.S., Director of Food Service
Pauline Richardson, Assistant Manager of Food Service
Kristy Utley, Secretary
Mary English, Head Cook
Beulah Bryant, Cook
Gloria Baldwin, Cook
Levail Stewart, Pastry Cook
Bernice Lisantti, Pastry Cook and Banquets
Addie Benjamin, Salad Cook
Birdie Stevens, Snack Bar Supervisor
Betty Tyesky, Snack Bar Night Supervisor
Daisy Brown, Snack Bar
Cleveland Lane, Jr., Dishroom Supervisor
John Willerby, Dishroom
Larry Jackson, Dishroom
Virginia Morgan, Serving Line, Banquets
Shirley Hill, Salad Cook and Server
Adrian Pennywell, Cook
Ruby Black, Serving Line
Sandy Davis, Serving Line
Herbert Reed, Janitor
Linda McGill, Janitor

Custodial Services

Michael Gideon, Supervisor
Betty Gafford, T.L. James Dormitory (Annex)
Charles Casey, Library Basement/Playhouse-Night Crew
Emily Brown, T.L. James Dormitory (Proper)
Odessa Robinson, Hardin Hall
Henry R. Wallace, Magale Library
James Priest, Hamilton Hall-Night Crew
Jerome Brossett, SUB
James Chatman, Night Crew
Raymond Gibson, Rotary Hall
Sammie Green, Pierce Cline Dormitory
Moses George, Haynes Gym-Night Crew
Willie T. Hayes, Night Crew
Willie Holland, Smith Building/Brown Chapel-Night Crew Forman

Post Office

Carol Bateman, Post Office Manager
Joe Stalder, Post Office Assistant

Security Office

Anthony Vaitkus, Chief of Security
Jack Hinton, Security Officer
Bobby Westmoreland, Security Officer
Lawrence Neary, Security Officer
Willie J. Harris, Security Officer
Preston Tyeskey, Security Officer
Gerald King, Security Officer
James Collier, Security Officer
Gerald Titus, Security Officer

FACULTY 1993-94

(The date in parentheses indicates the first appointment to the Faculty.)

Bruce Allen .... *Associate Professor of Art*
B.A., 1975, B.S., 1977, Centenary College; M.F.A., University of Wyoming, 1981. (1983)

Will K. Andress .... *Adjunct Professor of Music and Director of Centenary College Choir*
B.M., Centenary College, 1961; B.C.M., Southern Baptist Seminary, 1963; M. M., East Carolina University, 1969; D.M., Florida State University, 1971. (1974)

Robert P. Bareikis .... *Professor of German and Provost and Dean of the College*
A.B., Harvard College, 1959; Ph.D., Harvard University, 1966. (1992)

Mary L. Barrett .... *Assistant Professor of Geology*
B.S., 1978, M.S., 1980, Stephen F. Austin State University; Ph.D., Johns Hopkins University, 1987. (1992)

Charles T. Beaird .... *Adjunct Professor of Philosophy*
B.A., Centenary College, 1966; Ph.D., Columbia University, 1972. (1969)

David L. Bedard .... *Professor of Health and Exercise Science*
B.S., 1968, M.Ed., 1972, Northwestern State University of Louisiana; Ed.D., East Texas State University, 1981. (1981)

Lewis A. Bettinger .... *Professor of Psychology and Chairman of the Department*
B.S., 1962, M.A., 1963, Ph.D., 1966, Ohio State University. (1972)

David B. Bieler .... *Associate Professor of Geology*
A.B., Oberlin College, 1971; A.M., Dartmouth College, 1974; Ph.D., University of Illinois, 1983. (1988)

Ernest W. Blakeney, Jr. .... *Associate Professor of Chemistry and Chairperson of the Department*
B.S., Spring Hill College, 1960; M.S., Mississippi State University, 1970; Ph.D., University of Texas at Austin, 1972. (1985)

Andrew Brandt .... *Lecturer in Music*
B.M.E., Baldwin-Wallace Conservatory of Music, 1973; M.M., Indiana University, 1978. (1982)

Robert R. Buseick .... *Professor of Theatre and Speech and Chairman of the Department*
B.S., Eastern Oregon College, 1955; M.F.A., University of Portland, 1964. (1969)

Joel W. Cannon .... *Gus S. Wortham Associate Professor of Engineering*
P.E.; B.S., Willamette University, 1974; M.E., University of Virginia, 1976; Ph.D., University of Illinois at Urbana-Champaign, 1989. (1992)

Constance Carroll .... *Artist in Residence in Music*
B.M., University of Arizona, 1957; M.M., Eastman School of Music, 1959. (1969-74; 1979)

Leta N. Carson .... *Professor of Music and Dean of the Hurley School of Music*
B.M., 1959; M.M., Texas Christian University, 1960; Ph.D., Michigan State University, 1965. (1992)

Harold R. Christensen .... *Associate Professor of Economics and Director of the Economic Education Center*
B.A., 1971, M.S., 1975, Ed.D., 1979, Oklahoma State University. (1980)

J. Stephen Clark .... *Assistant Professor of Classics and French*
B.A., Yale University, 1976; M.A., 1985, Ph.D., 1988, The University of Iowa. (1988)

L. Hughes Cox .... *Professor of Philosophy and Chairman of the Department*
A.B., Wabash College, 1953; S.T.B., Boston University, 1956; M.A., 1959, Ph.D., 1963, Yale University. (1967)

Edward J. Crawford III .... *Lecturer in English and Foreign Languages*
B.A., The University of the South, 1972; M.A., University of Texas, 1976. (1977)

Laura Crawford .... *Lecture in Music and Director of the Suzuki Violin School*
B.M., 1975, M.M., 1976, University of Texas. (1980)

Barbara J. Davis .... *Assistant Professor of Accounting*
B.S., 1977, M.B.A., 1984, Louisiana State University in Shreveport; C.P.A.; C.I.A. (1986)

Ronald E. Dean .... *Associate Professor of Music*
B.A., Williams College, 1954; M.M., University of Michigan, 1957. (1960)

Steven G. Edwards ..... *Professor of Military Science and ROTC Commandant*
B.S., University of Southern Mississippi, 1970; Lieutenant Colonel, United States Army. (1992)

Anthony D. Eklund .... *Associate Professor of Mathematics*
B.S., Loyola College of Baltimore, 1967; M.A., The Pennsylvania State University, 1969; Ph.D., Virginia Polytechnic Institute and State University, 1978; M.S., The University of South Carolina, 1983. (1991)

Horace C. English .... *Professor of Music*
B.M., Shorter College, 1962; M.C.M., New Orleans Baptist Theological Seminary, 1964; D.M., Florida State University, 1969. 1984)

James C. Farrar .... *Professor of Health and Exercise Science*
B.S., Louisiana Tech University, 1953; M.S., University of Arkansas, 1961; Ed.D., Northwestern State University of Louisiana, 1975. (1977)

Katherine Rowe Fell .... *Associate Professor of English*
B.S.E., Southern Arkansas University, 1976; M.A., Louisiana Tech University, 1978; Ph.D., Texas A&M University, 1986. (1987)

Mark Fisch .... *Associate Professor of Sociology*
B.A., City College of New York, 1973; M.S., University of Chicago, 1975; Ph.D., University of North Carolina, Chapel Hill, 1986. (1990)

Ginger D. Folmer .... *Associate Professor of Theatre and Speech and Dance*
B.A., Centenary College, 1964; M.A., Syracuse University, 1967. (1975)

Carolyn Garison .... *Instructor and Music Librarian/Collection Development*
B.A., 1967, B.M., 1978, Centenary College; M.L.S., North Texas State University, 1980. (1980)

Judy Godfrey .... *Lecturer in Art*
B.A., Centenary College, 1966; M.A., Louisiana State University-Shreveport, 1988. (1989)

Janice Marie Greer .... *Associate Professor of Biology*
B.S., Westbrook College, 1979; Ph.D., Louisiana State University Medical Center, 1987. (1987)

Mark M. Gruettner .... *Assistant Professor of German*
B.A., B.S., Texas A&M University, 1984; M.A., Texas Tech University, 1987; Ph.D., Washington University, 1993. (1993)

Rodney Arthur Grunes .... *Professor of Political Science and Chairman of the Department*
A.B., Drew University, 1963; A.M., 1967, Ph.D., 1972, Duke University. (1986)

Dorothy Bird Gwin .... *Professor of Education and Psychology and Dean of Enrollment Management*
B.B.A., 1954, M.S., 1955, East Texas State University; Ed.D., University of Kansas, 1958. (1967)

Alton O. Hancock .... *Professor of History*
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In 1972, the Keen Chair of Physics was endowed by Dr. Cornelius D. and Florence Gillard Keen as a testimony of their belief in superior liberal arts education.

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The Gus S. Wortham Chair of Engineering was established in 1977 by the Brown Foundation of Houston in honor of Gus S. Wortham, a Houston business and civic leader.

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The William C. Woolf Chair of Geology was established in 1978 by the Woolf Foundation of Shreveport. The Trustees of the Foundation requested that the Chair be named in honor of the late William C. Woolf, Shreveport oilman and civic leader.

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In 1980, the Willie Cavett and Paul Marvin Brown, Jr., Chair of English was endowed by Mr. and Mrs. Paul M. Brown, Jr., as an expression of their commitment to church-related higher education.

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The Samuel Guy Sample Chair of Business Administration was established in 1983 by members of Mr. Sample's family in his honor. Mr. Sample was a pioneer in the early twentieth-century business world of North Louisiana.

The Mary Warters Chair of Biology

The Mary Warters Chair of Biology was established in 1984 by friends and former students of Dr. Warters, including many physicians and dentists who wished to recognize the excellence she exhibited in her teaching.

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The Ed and Gladys Hurley Chair of Music was endowed by a trust fund in 1984. This Chair epitomized the generous support and leadership of the Hurleys over many years in their relation to Centenary's Hurley School of Music.

The George A. Wilson Chair of American Literature

The George A. Wilson Chair of American Literature was endowed in 1988 by a trust fund from the late George A. Wilson, a Centenary Alumnus, and the Eminent Scholars Fund from the State of Louisiana.

The Velma Davis Grayson Chair of Chemistry

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Jørn Carlsen	Cand. Mag. (Aarhus) Lector
Donald Hannah	M.A., Ph.D. (Nottingham) Professor
Anders Iversen	Cand. Mag. (Aarhus) Lector
Per Serritslev Petersen	Cand. Mag. (Aarhus) Lector
Michael Skovmand	Cand. Mag. (Aarhus) Lector

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Gene Dahmen
Nicholas Delbanco
William Dyal
Agnes Gruilow
Leo Gruilow
Maj. Gen. William C. Lewis
F. William McCalpin
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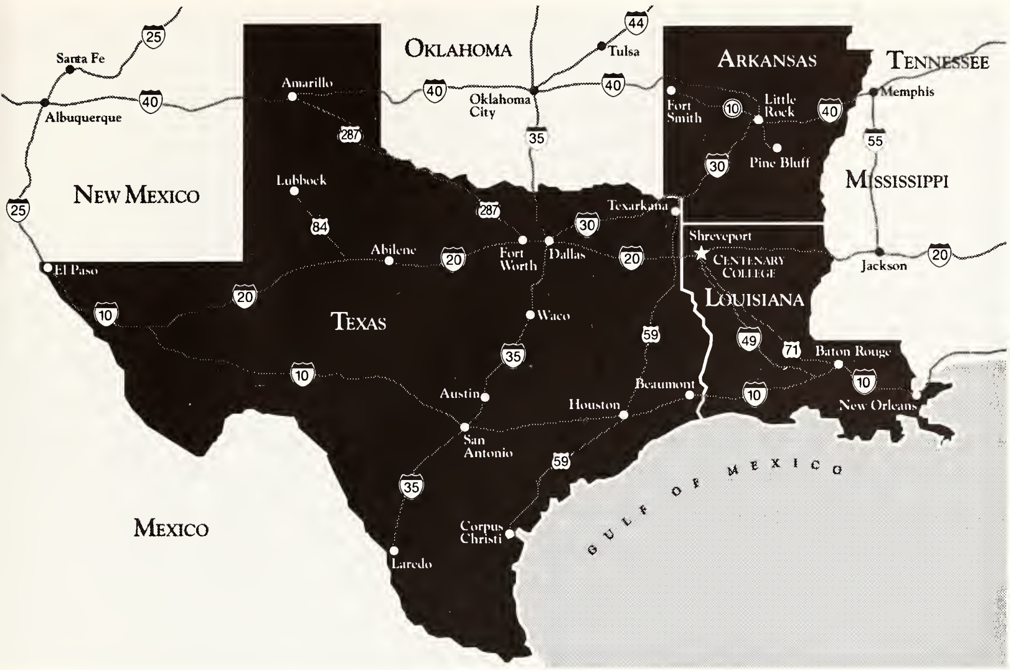

Visitors are welcome at Centenary College. The Office of Admission is open from 8:00 a.m. until 4:30 p.m. on weekdays. Visitors should write or telephone well in advance for appointments during these hours. Special appointments may also be made in advance for Saturday mornings.

The Centenary campus is located two miles south of downtown Shreveport. The Shreveport Regional Airport has regularly scheduled flights on American, Continental, Delta, Northwest Airlink, and USAir Express. Intercity bus transportation is provided by Trailways Intercity Bus System, intra-city bus transportation, by the Sportran Transit System.

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